

Fishery Data Series No. 10-22

Estimates of Participation, Catch, and Harvest in Alaska Sport Fisheries During 2008

by

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April 2010

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



Symbols and Abbreviations

The following symbols and abbreviations, and others approved for the Système International d'Unités (SI), are used without definition in the following reports by the Divisions of Sport Fish and of Commercial Fisheries: Fishery Manuscripts, Fishery Data Series Reports, Fishery Management Reports, and Special Publications. All others, including deviations from definitions listed below, are noted in the text at first mention, as well as in the titles or footnotes of tables, and in figure or figure captions.

Weights and measures (metric)		General		Measures (fisheries)	
centimeter	cm	Alaska Administrative		fork length	FL
deciliter	dL	Code	AAC	mideye to fork	MEF
gram	g	all commonly accepted		mideye to tail fork	METF
hectare	ha	abbreviations	e.g., Mr., Mrs., AM, PM, etc.	standard length	SL
kilogram	kg			total length	TL
kilometer	km	all commonly accepted			
liter	L	professional titles	e.g., Dr., Ph.D., R.N., etc.	Mathematics, statistics	
meter	m			<i>all standard mathematical</i>	
milliliter	mL	at	@	<i>signs, symbols and</i>	
millimeter	mm	compass directions:		<i>abbreviations</i>	
		east	E	alternate hypothesis	H _A
		north	N	base of natural logarithm	<i>e</i>
		south	S	catch per unit effort	CPUE
		west	W	coefficient of variation	CV
		copyright	©	common test statistics	(F, t, χ^2 , etc.)
		corporate suffixes:		confidence interval	CI
		Company	Co.	correlation coefficient	
		Corporation	Corp.	(multiple)	R
		Incorporated	Inc.	correlation coefficient	
		Limited	Ltd.	(simple)	r
		District of Columbia	D.C.	covariance	cov
		et alii (and others)	et al.	degree (angular)	°
		et cetera (and so forth)	etc.	degrees of freedom	df
		exempli gratia		expected value	<i>E</i>
		(for example)	e.g.	greater than	>
		Federal Information		greater than or equal to	≥
		Code	FIC	harvest per unit effort	HPUE
		id est (that is)	i.e.	less than	<
		latitude or longitude	lat. or long.	less than or equal to	≤
		monetary symbols		logarithm (natural)	ln
		(U.S.)	\$, ¢	logarithm (base 10)	log
		months (tables and		logarithm (specify base)	log ₂ , etc.
		figures): first three		minute (angular)	'
		letters	Jan,...,Dec	not significant	NS
		registered trademark	®	null hypothesis	H ₀
		trademark	™	percent	%
		United States		probability	P
		(adjective)	U.S.	probability of a type I error	
		United States of		(rejection of the null	
		America (noun)	USA	hypothesis when true)	α
		U.S.C.	United States	probability of a type II error	
			Code	(acceptance of the null	
		U.S. state	use two-letter	hypothesis when false)	β
			abbreviations	second (angular)	"
			(e.g., AK, WA)	standard deviation	SD
				standard error	SE
				variance	
				population	Var
				sample	var
Weights and measures (English)					
cubic feet per second	ft ³ /s				
foot	ft				
gallon	gal				
inch	in				
mile	mi				
nautical mile	nmi				
ounce	oz				
pound	lb				
quart	qt				
yard	yd				
Time and temperature					
day	d				
degrees Celsius	°C				
degrees Fahrenheit	°F				
degrees kelvin	K				
hour	h				
minute	min				
second	s				
Physics and chemistry					
all atomic symbols					
alternating current	AC				
ampere	A				
calorie	cal				
direct current	DC				
hertz	Hz				
horsepower	hp				
hydrogen ion activity	pH				
(negative log of)					
parts per million	ppm				
parts per thousand	ppt, ‰				
volts	V				
watts	W				

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ALASKA SPORT FISHERIES DURING 2008**

by

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PREFACE

A full text Adobe PDF file of this report, as well as summaries of 2008 and prior-year estimates, are available via the division's Internet site. This report can be found under the Sport Fish Publications section at <http://www.sf.adfg.state.ak.us/pubs/index.cfm>. This site also contains detailed tabulations for harvest and participation for 1977 through 2001, in Mills 1979-1980, 1981 *a-b*, 1982-1994; Howe et al. 1995-1996, 2001 *a-d*; Walker et al. 2003 and Jennings et al. 2004, 2006*a-b*, 2007, 2009*a-b*, and 2010.

Summaries of sportfishing participation catch and harvest for the most recent ten-year period are displayed at:

<http://www.sf.adfg.state.ak.us/statewide/participationandharvest/index.cfm>.

This report documents participation, catch, and harvest for 2008, which are tabulated by region, area, fishery, and species in (Section 2).

ABSTRACT

Since 1977, the Alaska Department of Fish and Game has conducted an annual mail survey to estimate sport fishing participation and harvests (fish kept) statewide by Alaska fisheries, areas, regions, and species. Since 1990, catches (fish harvested plus fish released) have also been estimated. Detailed findings are presented for 2008. In 2008, an estimated 477,281 anglers fished 2,315,601 days and kept 2,976,610 of 7,119,896 fish caught.

Key words: Alaska, sport, fish, fisheries, fishing, catch, harvest, angler, angler-days, survey, Pacific salmon, trout, char, Arctic grayling, northern pike, whitefish, burbot, smelt, Pacific halibut, rockfish, lingcod, Pacific cod, crab, shrimp, shark, razor clams, Alaska Statewide Harvest Survey, Statewide Harvest Survey, SWHS.

INTRODUCTION

Information on where sport fishing occurs, the extent of participation, the preferences of participants, and the species and numbers of major game fishes being caught and harvested¹ is essential for regulation and management of Alaska's sport fisheries and for total regulation, management, and harvest allocation for multiple-use fisheries. In addition, this information is needed for establishing priorities; for formulating policies; for budgeting; for planning and evaluating rehabilitation, enhancement, stocking, habitat protection, and access acquisition projects; for stock assessment; for forecasting; for gauging the economic and social significance of sport fishing; and for satisfying requests for information from individuals, special interest groups, government agencies, and the recreational industry.

Because of Alaska's vastness, meeting all these information requirements through the implementation of numerous onsite creel surveys throughout the state would be prohibitively expensive, thus an alternative program has been developed. Described herein are results from the thirty-second year of that program.

The Alaska Department of Fish and Game, Division of Sport Fish (SF) administers an annual survey of households where at least one person acquired some type of sport fishing license. Respondents were asked general questions about the size of their household and the number of people who procured a license and sport fished during 2008. Respondents were then asked to provide information about their fishing activities—including where they fished, how many people fished, whether or not they utilized a charter/guide and the species they caught and kept. Maps and definitions were provided to assist the respondent in accurately identifying where they fished and what species they caught.

The primary objective of this project was to estimate participation, catch, and harvest for Alaska sport-caught species statewide, by area, and by fishery such that statewide estimates of participation and harvest would be within 15% of actual values 95% of the time.

The estimated harvests of sport fish are primarily interpretable as descriptive of the legal take for each fish species. There is no attempt to estimate “illegal” harvest of fish in Alaska. Specifically, individuals who fail to obtain a sport fishing license or are otherwise unauthorized to catch and harvest fish are not part of the sampling frame, and as such cannot be included in the estimation process. Additionally, reported harvest by surveyed households that were excessively large numerically in comparison to daily or annual harvest limits were either edited or censored from the analyses.

¹ Harvest is defined as fish kept, whereas catch is defined as fish harvested plus fish released.

SECTION 1: ALASKA SPORT FISHING SURVEY 2008

METHODS

OVERALL STUDY DESIGN

Two types of surveys were conducted to estimate participation, effort, catch, and harvest for 2008 Alaska sport-caught fish. The Standard survey was conducted in a manner similar to the surveys that have been conducted annually since 1977. The Supplementary survey was conducted to obtain estimates of some parameters that could not be obtained from the Standard survey. Both surveys involved a stratified random sampling design, as described in general and in more detail in the appropriate subsections below.

The survey sample frame for both surveys was based on the list of 2008 sport fishing licenses sold, and on the 2008 file of Permanent Identification (PID) or Disabled Veteran (DAV) permit holders. Both the PID and the DAV permits are free identification cards issued on request to Alaskan residents of at least one year who are 60 years of age or older (PID), or who are disabled veterans (DAV). Households were determined from a file combining the list of sport fishing licenses and the PID/DAV file based on a combination of names, addresses, type of residence, and age, and stratified by area of residence. Stratified random samples of households were selected for each survey type, and the associated questionnaire was sent to the selected households. Households that did not respond were sent first and second reminders and duplicate survey forms.

Records were kept of the response, nonresponse, or inability of the postal service to perform delivery of each household mailed a survey. The location codes for the various fisheries statewide included in completed surveys were verified and corrected as necessary on the original survey forms. Completed surveys with fishery location names that were written in without associated location codes were manually assigned location codes based on the project's database of valid sites. Any coding changes at this stage were annotated on the original survey form.

Data entry of the general information, catch, harvest, participation and effort data were completed by data processing personnel. The data were organized into a general information file pertaining to household size, license purchases and number of anglers, and a file of effort, harvest and catch data. After data entry, the survey forms were scanned into computer file images for future review.

Computer editing procedures included checking species, location and effort, harvest and catch values, and compiling response summaries based on the mailings and reminder tallies. During this process, SF biologists were consulted to evaluate questionable data. Manual edits were annotated on the scanned images, and programmatic edits were tracked in computer listings.

The resulting stratified averages of raw harvest, catch and effort values based on the responses from the households sampled were expanded into preliminary total estimates for the overall sample frame based on the combined list of sport fishing licenses sold and PID/DAVs issued and mailing response summaries. Based on reviews of these preliminary estimates by SF biologists, survey data were researched and edited as necessary and final estimates were calculated from the edited data.

SAMPLE SURVEY DESIGN

License Holder Identification

The source of the households selected to be sampled in this survey was a combination of the list of 2008 sport fishing licenses (Sport License File) and the file of PID and DAV permits. The Sport License File is a list of all sport fishing class licenses sold to individuals in Alaska that were valid for the 2008 calendar year. It was updated throughout the year as license sales were reported to the Licensing Section of the Division of Administrative Services. The PID/DAV holders list consists of all individuals who were issued a PID from 1987 through August of 2008 and of all individuals who were issued a DAV permit from 1998 through August 2008. Both PIDs and DAVs are issued by the Department of Fish and Game. A PID is a free license issued on request to Alaska residents of at least one year who are 60 years of age or older. A DAV is issued upon request and without charge to disabled veterans. A PID or DAV is valid for both hunting and fishing². Some PID/DAV holders may have not fished or hunted in 2008.

Angler Household Identification

Questionnaires (described below) were mailed to 47,000 sport fishing households from the incomplete 2008 sport fishing household computer file. This computer file consisted of identifying information for households with either: at least one individual who purchased a sport fishing license in 2008, or at least one individual holding a PID or DAV card. The definition of sport fishing households is the same as has been used since the 1994 survey year.

The sport fishing household list was termed ‘incomplete’ at the time of sampling because 1) most individuals who purchase sport fishing licenses or are issued PIDs or DAVs after August 2008 were not in the list, and 2) some of the names and/or addresses on the Sport License File were incomplete or illegible to the degree that they could not be used for sampling. PIDs can and have been re-issued under another number to the same individual. Newly issued PIDs were checked against existing PID information to identify and eliminate duplicates. In addition, information from the prior year survey (updated address, mortality) was used to update the PID file. The same data checks that were applied to the PID files were applied to the records for DAV licenses. The identification of sport fishing households involved combining and processing the incomplete Sport License File and PID/DAV holder list. The processing described below was to identify individuals who were likely to be members of the same household as determined by the similarity of such attributes as last names, same mailing address, consecutive license numbers, etc. The identification process was assumed to be imperfect but was implemented in the interest of reducing the likelihood of sending multiple surveys to the same household and to obviate the need for more complicated and expensive estimation procedures.

The initial step of household identification involved reviewing the identifying information for licenses containing foreign and military addresses from the incomplete Sport License File. These licenses were reviewed for completeness, accuracy, and consistency. All other licenses, DAV, and PID holders with a U.S. address were computer processed for address validity by the commercial software package Smart Marketing Suite³.

² Both PID and DAV licenses are permanent and valid as long as the holder meets the requirement of Alaska residency.

³ Product name is included for complete description of process, and does not constitute a product endorsement.

Next, the list of license holders was ordered by license number. A substantial number of individuals from the same household purchased their licenses at the same time from the same vendor and same license booklet. This was particularly true for nonresident households. A program checked adjacent licenses for matching state, city, street address, and last names. Adjacent licenses with multiple matches were flagged as possible duplicate household members.

The list of license and PID/DAV holders was next ordered by state, city, street address, and last name. Adjacent members in this sorted list matching in all these fields were flagged as duplicate household members. Adjacent members in this list with matching street addresses but different last names or same last names and different street addresses were flagged as possible duplicates. Licenses flagged as possible duplicates were visually reviewed and a determination was made as to whether or not they constitute a household.

Once unique households had been identified, records for duplicate members from the same household were eliminated from the file to which the sample selection criteria were applied. Additionally, anglers who have self-identified that they never wish to participate in the Statewide Harvest Survey were also removed from the sampling frame. The remaining records – having been defined as unique households—were then split by strata (see Stratification section) and randomly drawn to participate in the mailout survey.

Stratification

As stated above, after the completion of the sport fishing household list, households were stratified into the following residential strata (based on their mailing address):

1. Alaska residents;
2. Other U.S. residents (including territories and other U.S. possessions);
3. Canadian residents; and
4. Other foreign residents.

These strata have been identified and defined so that each household within each stratum had an equal probability of being surveyed. Previous surveys have indicated that the response rates of these demographic groups differ sufficiently to justify stratification. Additionally, the sport fishing household file is incomplete at the time of the initial mailing and the degree of incompleteness differs for these strata (for example, the Other Foreign Residents stratum consistently has the highest degree of incomplete or illegible addresses). Accordingly, if a simple random sample were used without stratification, the resultant combined probabilities of sample selection and response to the survey would differ for the individual households. This same stratification structure has been used since the 1993 survey.

Ideally, each sampling stratum should be surveyed when the corresponding sampling frame was nearly complete. However, delays in the return of late season license purchases by vendors and the subsequent entry of the data by the Licensing Section would result in an unacceptable delay in surveying households that purchase licenses earlier in the year. This issue has been addressed since 1999 using a split-sampling procedure. The split-sampling involves first sending questionnaires to households that purchased their licenses early⁴ in the calendar year as soon as

⁴ Historically, the early license sales split-sample group is defined separately for the residents (Alaskan stratum) versus nonresidents (all other strata). In 2008, during the planning phases of the survey, the resident early split-sample group was defined as households with licenses purchased between January 1 and June 30, the nonresident early split-sample group was defined as households with licenses purchased between January 1 and July 17.

those sales are relatively completely-entered into the license file. Subsequently, the households with late⁵ license purchases were sent questionnaires later in the year, when they were better represented in the license file. During 2008, the geographic distribution (i.e., location of license sale) of the household computer file was deemed sufficiently representative at the time planned for the both resident⁶ and nonresident⁷ **early** license samples. The specifics of sample selection and schedule for surveying the residents and nonresidents is outlined below.

The mailing schedule called for grouping the sampling strata as follows (in terms of date of first mailing); 1) *Resident Early Mailing Group* included the **early** Alaska resident stratum, 2) *Resident Late Mailing Group* included the **late** Alaska resident stratum, 3) *Nonresident Early Mailing Group* included the **early** other USA, Canadian, and other foreign resident strata, and 4) the *Nonresident Late Mailing Group* included the **late** other USA, Canadian, and other foreign resident strata.

Sample Sizes

Sample sizes for each stratum were set based on historic sampling levels that have achieved the objective criteria for precision. The 2008 sample sizes were set using response data for the 2007 survey⁸.

Sample size allocations were set to be proportional to the relative stratum sizes (number of households per stratum) as approximated by the average of estimated stratum sizes from the 2003-2007 surveys. Allocation of samples between the two survey types was set so that the expected responses from each type would be approximately equal. The resultant sample size and corresponding historic values, and expected response statistics follow (Tables 1.1 and 1.2).

Table 1.1.—Sample sizes, mailing numbers and responses for the 2008 standard questionnaire mailings.

Mailing groups	Relative size of mailing group (average 2003-2007)	Number of households to be mailed standard surveys in 2008 (1st mailing)	Expected number of responses for 2008 after all reminders	Relative size of expected responses ^a	Number of responses for 2008 after all reminders	Relative size of responses ^b
Early Alaska Resident	30.06%	6,664	3,014	30.02%	3,060	31.04%
Late Alaska Resident	12.88%	3,600	1,291	12.86%	1,255	12.73%
Early Nonresident	28.53%	5,866	2,867	28.55%	2,816	28.56%
Late Nonresident	28.53%	7,158	2,869	28.57%	2,728	27.67%
Over All Strata	100.00%	23,228	10,041	100.00%	9,859	100.00%

^a Relative size of expected responses = expected number of responses for 2008 by mailing group divided by expected number of responses for 2008 over all mailing groups times 100%.

^b Relative size of responses = Number of responses for 2008 by mailing group divided by number of responses for 2008 over all mailing groups times 100%.

⁵ Defined during the planning for the 2008 survey as license sales after June 30 for residents and after July 17 for nonresidents.

⁶ “Residents” refers to the Alaska residents sampling stratum.

⁷ “Nonresidents” refers to the combination of the Other USA, Canadian and Other Foreign sampling strata.

⁸ The 2007 response statistics were the most recent data available at the time the sample sizes were set prior to finalizing contracts for printing and mailing the surveys. The allocation of samples among the two survey types (standard versus supplementary) were determined using the average response rates for the two survey types for 2003 through 2007.

Table 1.2.—Sample sizes, mailing numbers and responses for the 2008 supplementary questionnaire mailings.

Mailing Groups	Relative size of mailing group (average 2003-2007)	Number of households to be mailed standard surveys in 2008 (1st mailing)	Expected number of responses for 2008 after all reminders	Relative size of expected responses ^a	Number of responses for 2008 after all reminders	Relative size of responses ^b
Early Alaska Resident	30.06%	6,764	3,014	30.02%	2,994	29.82%
Late Alaska Resident	12.88%	3,680	1,291	12.86%	1,303	12.98%
Early Nonresident	28.53%	5,942	2,867	28.55%	2,796	27.85%
Late Nonresident	28.53%	7,326	2,868	28.56%	2,948	29.36%
Over All Strata	100.00%	23,712	10,040	100.00%	10,041	100.00%

^a Relative size of expected responses = expected number of responses for 2008 by mailing group divided by expected number of responses for 2008 over all mailing groups times 100%.

^b Relative size of responses = number of responses for 2008 by mailing group divided by number of responses for 2008 over all mailing groups times 100%.

Sample Selection

Sample selections for the two surveys (standard and supplementary) were not independent. Additionally, all strata were sampled with the split-sample approach as noted above. The Sport License File available in mid-September for the Alaska Resident sample selection contained comparatively few sales that occurred after June 30. Accordingly, July and beyond sales were not well represented on the file and the following approach was used for the resident sample selection. Based on historic sales information, July and beyond resident license sales represent about 30% of the total annual resident license sales. Thus, 70% of the total resident sample was selected from the January through June sales on the Sport License File available in early September 2008, representing the **early** group. The remaining 30% of the sample was drawn from a version of the Sport License File that was available in late December 2008 and included only those households that purchased licenses after June 30, 2008 representing the **late** group. Households selected in the 70% **early** sample were excluded from selection in the final **late** sample.

Similarly, the Sport License File available at the end of October for the nonresident sample selection contained relatively few sales that occurred after July 17, 2008. Accordingly, sales beyond that date were not well represented on the file, and the split-sample approach was again used to address this issue. Based on historic sales information, January through mid-July nonresident license sales represent about 50%, where sales beyond mid-July represent about 50% of the total annual nonresident license sales. Thus, 50% of the total nonresident sample was selected from January through July 17 **early** sales in the file available at the end of October. The remaining 50% of the sample was taken from sales after July 17, 2008 **late** on the license file that was available in early January 2009. As with the resident sample selection process, households selected in earlier split-sample groups were subsequently excluded from selection for the later split-sample groups.

To avoid sending any individual household more than one type of survey (to reduce respondent burden) the samples were drawn for each stratum and split-sample group. The example below describes the process for early license sales Alaska Residents stratum:

- Randomly selected, without replacement, 13,428 households from the Alaska resident households in the incomplete sport fishing household file for **early** license sales.
- Then randomly selected, without replacement, from these 13,428 (selected) Alaskan resident households, a total of 6,664 households. These represent the households that were sent the standard survey form.
- The remaining 6,764 Alaskan resident households from the 13,428 (selected) were sent the supplementary survey form. Of these 6,764 households, 3,382 were sent the Supplementary questionnaire that had the guided/chartered questions first⁹. The remaining 3,382 were sent the other version of the Supplementary questionnaire with the guided/chartered questions listed second.

Mailing Schedule

Reminder letters and questionnaires were mailed to first-time and second-time nonrespondents for all resident split-sample groups and the *early mailing group* of the nonresident strata. **First-time** nonrespondents for the *late mailing group* of the nonresident strata were mailed a reminder letter and survey. No reminder letter was mailed to **second-time** nonrespondents of the *late mailing group* of the nonresident strata. This resulted in the first and last mailings occurring on November 7, 2008 and April 9, 2009, respectively (Table 1.3). The rationale for using multiple waves of questionnaires is described by El-Badry (1956).

Table 1.3.–Mailing schedule for the 2008 survey.

Residency	Mailing number ^a	Labels drawn by RTS	Surveys to Post	
			Office	Days for household response ^b
Resident	1 – early	10/22/08	11/10/08	
	1 – late	01/05/09	01/14/09	
Nonresident	1 – early	11/19/08	12/08/08	
	1 – late	01/23/09	02/11/09	
Resident	2 – early	12/16/08	1/02/09	35
	2 – late	02/17/09	2/25/09	34
Nonresident	2 – early	01/13/09	1/26/09	36
	2 – late	03/17/09	3/31/09	34
Resident	3 – early	02/10/09	2/20/09	39
	3 – late	03/31/09	4/07/09	34
Nonresident	3 – early	03/03/09	3/11/09	36
	3 – late ^c			

^a “Early” and “late” refer to split-sampling mailouts for households that purchased licenses early versus late in the year as explained earlier in this report.

^b Difference between date of previous mailing delivered to Post Office and date labels for current mailing are drawn.

^c In previous years a substantial number of responses to the 1st and 2nd mailing for the Nonresident mailing groups would be received after sending the same households the corresponding reminder. Accordingly, as in 2006 and 2007, the third mailing for 2008 (second reminder) was dropped for the Late Nonresident mailing group, to allow for more time for response between mailings and still produce estimates by the June 2009 time frame. As noted above, the initial (first mailing) sample sizes were expanded upwards for this mailing group to compensate for the loss of response that would have been expected to result from a third mailing.

⁹ The two different forms of the Supplementary questionnaire are described later in this report.

Prior to the 2006 survey, all strata (and the corresponding mailing groups) were all sent three mailings. In order to send out three mailings for the Nonresident mailing groups and still receive all responses by April-May of the following year, the days to respond to the previous mailing was shortened to a level that has subsequently deemed to be inadequate. The various Nonresident Mailing groups' households by definition are expected to receive questionnaires after a greater lapse of time than the corresponding Resident Mailing groups. Similarly, receipt of their responses takes longer to transit by the mail to be received for processing. In previous years a substantial number of responses to the 1st and 2nd mailing for the Nonresident mailing groups would be received after sending the same households the corresponding reminder. Accordingly, starting in 2006 and continuing with this year, the third mailing (second reminder) was dropped for the Late Nonresident mailing group, to allow for more time for response between mailings and still produce estimates by the June 2009 time frame. The initial (first mailing) sample sizes were expanded upwards for this mailing group to compensate for the loss of response that would have been expected to result from a third mailing. Estimation procedures have been adapted to address this change in study design, and are outlined under the Calculation of Estimates heading.

DATA COLLECTION–QUESTIONNAIRES

Data were collected regarding 2008 sport fishing activities through the use of mail questionnaires. While commercial or subsistence data were not requested, personal use finfish dipnetting and shellfish harvest and participation data were also collected. Space in the questionnaire was also provided for respondents to comment on ways to improve sport fishing in Alaska.

As stated earlier, stratified random samples of the sport fishing households were used to estimate participation, effort, catch and harvest. Standard survey-questionnaires (described below) were mailed to 23,288 (Table 1.1) sport fishing households from the incomplete 2008 sport fishing household file for the first mailing, with reminder letters (Appendices A3 and A4) and questionnaires mailed to first-time and second-time nonrespondents as described previously (Table 1.3). A total of 23,712 (Table 1.2) Supplementary Survey-questionnaires were mailed to sport fishing households on the same schedule.

Standard Survey

The 2008 Standard Survey questionnaire was essentially the same layout as used in 2007. Minor revisions to the survey from 2007 were made to address a variety of information needs identified during an internal review by SF biologists. Personal Use finfish information is collected solely as a placeholder, to prevent this information from being mistakenly recorded as sport fishing information. A final 2008 questionnaire is included (Appendix A1) and consists of a cover letter, the reminder sheet, and the Standard Survey booklet, which provides instructions, area descriptions, maps, and pages on which to record participation, catch and harvest by area and a postage paid return envelope. Also included with the Standard Survey is a full-color index of fish species with pictures and descriptions to aid the respondent in the identification of fish harvested (Appendix A7).

Sport fishing participation, catch and harvest data for finfish and shellfish were collected for all areas and fishing locations in the state (Figure 2.1: Table 2.1). Participation and harvest for personal use dip-net caught fish were collected for appropriate fisheries statewide. Catch and harvest data were collected on a site and species basis; whereas the number of anglers, number of trips, and number of days fished were collected on a site-specific basis only.

Each mailing of the Standard survey had a cover letter and was printed with different color ink. The cover letters for all mailings bore the signature of the Director of the Division of Sport Fish (Appendix A2).

Supplementary Survey

The 2008 Supplementary Survey questionnaire was essentially the same layout as used in 2007. After consultation with area staff and management in 2005, it was decided that estimates of ice-fishing harvest and catch were often unreliable due to low response rates and thus were seldom used. Therefore, it was determined that ice-fishing pages would, as in 2006 and 2007, no longer be necessary and were not included in the booklet. As noted above, other minor revisions to the survey from 2007 were made to address a variety of information needs identified during an internal review by SF biologists. The questionnaire consisted of two parts: a Mapsite Booklet that contained area descriptions, maps, fishing site names and numbers, and fish size categories (Appendix A6); and a multi-page form with a cover letter, instructions, and space in which to record the household's sport fishing information (Appendix A5). Also included with the Supplementary Survey is a full-color index of fish species with pictures and descriptions to aid the respondent in the identification of fish harvested (Appendix A7).

As noted above two different versions of the questionnaire were used in 2008 as was done in 2007 (with the order of guided/charter related fishing activities reversed). One of the versions of the supplementary 2008 questionnaire is included in Appendix A5.

The 2008 Supplementary Survey questionnaire had the following main sections:

- Saltwater sport fishing, charter;
- Saltwater sport fishing, non-charter;
- Freshwater sport fishing, guided;
- Freshwater sport fishing, non-guided;
- Personal Use Dipnetting (salmon only), guided;
- Personal Use Dipnetting (salmon only), non-guided;
- Shellfish, guided; and
- Shellfish, non-guided.

The supplementary survey booklet included a definition for chartered/guided. The Saltwater Sport Fishing pages also included "Boat" and "Shore/Bank" categories. The Saltwater Sport Fishing pages provided additional information for exact specifications of large vs. small Chinook "King" salmon *Oncorhynchus tshawytscha* based on where fish were caught.

Catch and harvest data were collected on a site- and species-specific basis; whereas the number of anglers, number of trips, and number of days fished were collected on a site-specific basis only. Personal use finfish information was collected solely as a placeholder, to prevent this information from being mistakenly recorded as sport fishing information.

Each mailing of the Supplementary Survey had a cover letter and was printed with different color ink. The cover letters for all mailings bore the signature of the Director of the Division of Sport Fish. The text and ink color for the Mapsite booklet was the same for all three mailings.

For species or sites fished that were not printed in the survey questionnaire, the respondent was requested to write the species and site name in the space provided.

DATA HANDLING AND ENTRY

Response Review and Coding

The returned surveys were reviewed and coded by project staff before data entry. This coding involved:

- Transfer of the license number to the General Questions page and to each harvest page containing information.
- Review and coding of all entries per specified procedures
- Mapping of new sites (i.e., names of fishing sites that anglers wrote in, but that do not yet have a designated site code) to the proper geographic areas,
- Maintenance of a breakdown table by area of the Other Species category

Additional review and coding processes were conducted following data entry to address issues related to the data collected from responses to the General Questions Page (Page 3 of all booklet types; see Appendices A1 and A6). The review and coding processes are summarized below:

- If there were participation, catch and harvest data, but no information on the General Questions page, the license was still transcribed and entered into the database. If a questionnaire was returned completely blank, the license number was written on the General Questions page to be captured.
- Unless there were supportive written comments that were specific (e.g., “None”, which was coded as zero), all blank fields were left blank and not coded.
- General question 1A asked for the number of household members that purchased a sport fishing license, including those who did not fish. A sport fishing license is required of all persons 16 years of age or older while sport fishing, including digging razor clams.
- General question 1B asked for the number of household members that purchased a sport fishing license (1A) AND who sport fished. Occasionally respondents erroneously included household members under age 16 or age 60 and over that fished.
- General question 2A asked for number of household members under age 16 who sport fished. A sport fishing license is not required of persons under 16 years of age.
- General question 2B asked for number of household members that are Alaska residents 60 years of age or older who hold a PID, or DAV for Alaska sport fishing. If no response was given, the space was left blank.
- General question 2C asked for the number of PID or DAV card holders who sport fished. If no response was given, the space was left blank.
- General question 3 asked for the total number of household members in the household that sport fished in Alaska during 2008.
- In both the standard and supplementary surveys, there was a space provided for comments on sport fishing in Alaska and for suggestions on how to improve it in the future. If a questionnaire was returned without any response to the general questions (i.e., blank) and no supportive written comment, yet there are pages of data, parameters 1A and 1B were identified for possible correction (as described below: Computer Based Editing).

Review guidelines and coding procedures related to the site-specific reporting of participation, catch and harvest were as follows:

- Instructions requested that both the number of fish caught and the number of fish kept be reported in the labeled columns. If the reported catch was less than the reported harvest, the numbers were reversed.
- If a write-in species of fish was reported, the data coder checked to see if it could be transferred to one of the labeled species columns. A list of species synonyms is on file (Table 2.2). A list of write-in species that cannot be transferred is maintained by the data entry software. If no harvest was reported or if the species was not a fish or shellfish (e.g., seals), it was not captured.
- Each fishing site in the survey responses is usually represented by a unique location code in the annual electronic survey sites file. Occasionally, there were responses where a new fishing site was written in. The specific locations and geographic coordinates of these previously unreported fishing sites were identified with National Geographic's TOPO[®] software. If not available in TOPO, these sites were located using Orth (1971) or the Alaska Department of Fish and Game (ADF&G) Internet stocked sites listings database. SF biologists were asked to provide maps, coordinates, and other relevant information for sites not found with the above sources. For each new site, a unique location code was assigned, and the location code was added to the survey sites file, along with the site name, latitude and longitude, water type and fish type, valid species codes, land-locked and stocking status, and comments pertaining to this new fishery. When applicable, valid species were verified through the Anadromous Waters Catalogs (Johnson and Weiss 2006 *a-f*). Each new location code was written adjacent to the write-in fishing site in the questionnaire. New sites are being added to an Arcview-based GIS currently under development.

Data Entry

Following review and coding, data entry of the general information, catch, harvest, participation, and effort data were completed by data processing personnel. Data entry instructions are reviewed and updated annually.

For general purposes the questionnaires are viewed as two record types;

- General information, and
- Harvest, catch, effort and participation information.

Continuously throughout the data entry process, the data were reformatted into two fixed record length tables. The general information table contained the following information from the General Questions page of the survey:

- The number of people in the household who purchased sport fishing licenses,
- The number of those who purchased a license AND sport fished.
- The number of PID/DAV members in the household,
- The number of members under age 16 not required to purchase a sport fishing license in the household, and
- The number of PID/DAV, and household members under age 16, who sport fished in Alaska during 2008.

The harvest information table contains information about each occurrence of fishing indicated by any household angler. This information includes the following;

- Where the fishing took place (site),
- Whether it was freshwater or saltwater (watertype),
- Whether it was chartered / guided,
- Whether it was from boat or shore,
- The number of household anglers who fished at that location,
- The number of household trips to that location,
- The sum of all household anglers' days fished at that location, and
- The number of fish caught and kept—by species – at that location.

Survey Forms Image Scans

Upon completion of data entry, each survey questionnaire was scanned in color and output as an image file. These images were then accessed from a desktop computer via selection of the survey ID number. This approach allowed images of questionable records to be retrieved electronically, rather than by sorting through boxes to find the paper original. The interface also allowed project staff, primarily research analysts, to add comments about post data-entry interpretation of the record. Once estimation was completed, the image files were archived and transferred to CDs for long-term storage. Paper surveys were recycled.

Computer-Based Editing

While some response errors were detected by the data coders (e.g., information recorded on the incorrect Area page), the majority of problems were dealt with via computer-based editing programs. The edit programs checked the data records for incorrect fishing site codes; inconsistent and potentially incorrect relationships between the number of members in the household, the number of anglers, number of trips, and number of days fished; fish harvest or catch at a site where that species is not known to be found; and data that indicate a higher than legal harvest. A summary of the computer-based editing follows.

Edits to General Information:

A computer edit program checked to see that line 1B (Number of persons recorded in 1A who sport fished in Alaska in 2008) was less than or equal to line 1A (Number of persons in your household who purchased a 2008 sport fishing license, including those who did not fish in Alaska).

Occasionally respondents filled in the general questions with zero (indicating that no anglers fished in that household) AND completed data pages indicating that sport fishing occurred. A computer edit program checked to see if there were completed data pages. If this occurred, the zeros on the general information page were replaced with the number of angler information from the completed data pages (harvest record).

The General Questions responses were also processed to compute a maximum number of household anglers who fished (TOTFSHRS). There were a variety of TOTFSHRS adjustments for situations where components were missing, exceeded 10 TOTFSHRS, or where the components exceeded the number of PIDs or license holders in the household. A check was

made to verify that responses to questions 2A-2B on the general information page of both survey formats were not recorded as a subtotal in 2C. If there were further discrepancies, household anglers who fished (HHFSHRS; response to General Question 3) was used to adjust TOTFSHRS. If none of this information was complete for the survey response, the largest number of anglers reported fishing at any site for this response was used for TOTFSHRS.

After all adjustments were completed and TOTFSHRS was calculated, any value for number of anglers on a reported harvest record that exceeded TOTFSHRS was set equal to TOTFSHRS. No adjustments were made to other effort variables, catch, or harvest data during this step.

The first check for the participation, effort, catch and harvest data were to ensure for each species that when harvest was greater than catch that catch was set equal to harvest. Also, records with razor clam and hardshell clam harvest equal to 0 and catch greater than 0, the harvest was set equal to catch.

Programs were then used to examine the participation variables of number of anglers (NA), the effort variables of number of trips (NT), and days fished (DF) and imputed missing values. One goal was to only change those fields with missing information and to not modify reported data. At the culmination of this process there were no 0 values (or blanks) for NA, NT, and DF in any records with reports of catch or harvest. To accomplish this, two passes were made through the data. The first pass used only those data records that were not missing one or more values for the NA, NT and DF variables, and for which $NA \leq DF$. For each site code, these records were then categorized as local and non-local¹⁰ to ultimately obtain an average trip length (AVG TRIP) in days fished. The general process was to impute missing values for NA first followed by DF, then NT.

- $NA = 0$:
 1. If $NT > 0$ and $DF > 0$ and $TOTFSHRS > 0$, then replace NA with TOTFSHRS.
 2. If $NT > 0$ and $DF = 0$, then NA and DF were replaced with TOTFSHRS.
 3. If $NT = 0$ and $DF > 0$, then NA was replaced with $\min(TOTFSHRS, DF)$; NT was imputed later.
 4. If $NT = 0$ and $DF = 0$, then NA and DF were replaced with TOTFSHRS and NT was imputed later.
- $NA < 0$
 1. $NA > DF$ and $DF > 0$, then DF was replaced with NA.
 2. $NA > 0$ and $DF = 0$, then DF was replaced with NA.
- At this stage in the editing process both NA and DF have values > 0 , If $NT = 0$, then it was replaced with $(DF / NA) / \text{AVG TRIP}$ depending on angler category (i.e. local or non-local). If $NA < NT$ and $DF < (NA * NT)$, DF was replaced with the greater of DF or NT.

This approach for imputing missing data items was somewhat biased compared to a more principled approach to imputation. A comparison of ad hoc mean imputation for each missing value (for NA, DF, and NT) with a multiple imputation approach using Monte Carlo Markov

¹⁰ An angler household that resides within the area where the site occurs is local; all other anglers are non-local. Thus, under this definition, some Alaska residents would be grouped with nonresidents in the non-local group.

chain data augmentation procedure (MI-MCMC) for the 1999 survey, indicated the missing data mechanism was missing completely at random (MCAR) (Rubin 1987, Schafer 1997). Accordingly, ignoring the missing data would be justified in this case. However, due to interdependencies between these effort variables and later data checks in the data processing sequence, it was determined that imputation was necessary to avoid overall biases in estimates of participation as well as catch and harvest parameters. The results from the imputation procedure outlined above compared favorably with both the simple mean imputation and the MI-MCMC imputation. Accordingly, the simpler approach, as described above, has been followed.

Edits to Harvest and Catch

Misidentified Species

The next data check identified records with species reported as caught or harvested that are not known to occur at a location. The general approach was to change the reported species to a species that does occur at the specific location based on guidance that was historically provided by SF biologists. If no specification for changing a species existed for the site, it was considered an invalid species for the location. Records containing invalid species were listed and manually reviewed.

In some cases, invalid species corrections were simple. Several invalid species records included cases where the anglers harvested only razor clams, but harvested them from a boat site. The edit programs were revised to move these records to the equivalent shoreline sites. The edit programs also changed anadromous coho salmon harvested from landlocked lakes stocked with landlocked salmon to landlocked salmon.

The remaining flagged records were checked against notes taken from contacts with SF biologists in previous years whose comments have been translated to a misidentification field in the Sites file. Additional sources of information such as division reports, the ADF&G stocking database, the Anadromous Waters Catalog, and ADF&G Emergency Orders were also consulted to determine the validity of a species. Based on this review, edit programs and the annual sites file were updated.

Finally, SF biologists were contacted concerning species that could not be confirmed as either correct or incorrect by the above approach. In some cases the respondent may have recorded the harvest in the wrong site. In other cases the respondent may have misidentified the species. If there were two or more possibilities for what the correct response should be, and none of the possibilities seemed more likely, then the species harvest and catch were zeroed out. Considering the possibility that species may be present that have not been previously encountered, and that species might move to new waters (i.e. northern pike *Esox lucius* in Southcentral Alaska), some of these records were left unaltered. In any of these cases, the biologist's opinion was followed and recorded, and the edit programs were updated to reflect their recommendations.

A list of 'other fish' write-ins was reviewed to determine if any species were recorded by several respondents for a location. When this occurred, area staff was contacted to determine the validity of the species in that location.

Legal Harvest

The objectives for this survey were directed at the estimation of legal sport harvest, under the assumptions that 1) most respondents voluntarily stay within legal harvest limits, 2) respondents that purposely fail to stay within legal limits would not be expected to voluntarily report their

illegal activities, and/or 3) individuals who fail to obtain a sport fishing license or are otherwise unauthorized to catch and harvest fish are not part of the sampling frame, and as such can not be included in the estimation process. Therefore, reported harvest was checked against an annually updated database of daily and seasonal bag limits. Information on number of anglers, days fished, and angler residency was taken into account when editing records so they did not exceed the maximum legal harvests.

Listings of records flagged as exceeding legal bag limits were reviewed to compare the area and/or site specific sport fish harvest regulations for the year. Each rejected record was checked. If some records were rejected for harvests that actually fell within the site's bag limits, the records were noted for further review and the edit program was revised and rerun.

There is some circumstantial evidence that the reports of apparently illegal harvest of small Chinook salmon were misreports of large Chinook salmon in Southeast Alaska waters¹¹. Yet lacking strong evidence to the contrary, the assumption was that these were illegal harvest of small Chinook salmon and thus harvests were reduced to legal limits for the size category and location fished.

Outlier Detection

After misidentified species edits and legal harvest limits had been applied, outliers were identified. Because harvests above legal limits had already been reduced to legal harvest, and catch values were unaltered, outlier detection focused on effort and catch.

Scatter plots were generated for each species' catch and average catch per angler day versus angler days fished at the survey area level. An annual 'outlier' file identifies values above which the catch rate for each species at a given survey area flags the record as an outlier candidate. If a record was flagged, the survey image scan was reviewed to verify data entry, look for supporting comments, check effort, and review the validity of the site or species. Unless there were data entry errors or obvious effort recording problems, SF biologists were consulted to determine whether the record was an outlier, or if it was related to subsistence or personal use fishing. If the catch rates seemed high, but were determined reasonable by the biologist, the annual outlier file was edited to reflect larger catch rate thresholds. Most survey areas contain some sites with exceptionally high catch rates. These sites and their maximum catch rates were identified by SF biologists and were integrated as 'exceptions' to the outlier checks in the outlier detection program, along with explanations in the program code.

Scatter plots were also generated for Number of Anglers and Number of Trips versus Angler Days fished at the survey area level. These plots were checked for unusually large effort and participation values in view of residence, guided fishing, and geographic area. As with the catch outlier candidates, scans were checked for records with unusually large effort and SF biologists were consulted as needed.

If a record was determined by a SF biologist to be an outlier, the entire record was removed. On average, this affects only 10-20 harvest file records out of 35,000+ records per year.

¹¹ During on-site surveys within Southeast Alaska of select locations where the taking of small Chinook salmon was illegal, the observed harvest of small Chinook salmon was negligible, if not nonexistent (see Hubartt et al. 2002). It is supposed that some respondents to the mail survey mistakenly report their legal harvest of large Chinook salmon as the incorrect small Chinook salmon, since separate columns were used for the reporting of small versus large Chinook (see Appendices A1 and A2).

The editing programs described above produced listings that identified all changes made, record by record. This information was maintained in electronic form. Editing programs included comments/annotations explaining the nature of the code, identifying changes made from previous years, and issues that need to be addressed. If edits were made in the data entry screens rather than in editing programs, the associated survey image scans were annotated with electronic tags explaining the updates. The above three computer editing steps were performed iteratively until all identified errors and data issues had been corrected.

Calculation of Estimates

The procedure for calculation of the catch, harvest, and participation estimates required the following information from each household for the period of January 1 through December 31, 2008: 1) the number of licensees, 2) participation (number of anglers, trips, and days fished), and 3) number of fish caught and number of fish harvested by species and site. This information was pooled across both questionnaire types and split-samples within each residential stratum, then the catch or harvest for each species or participation for each site for each stratum was estimated by:

$$\hat{Y}_{hk} = \hat{N}_h \hat{R}_s \frac{\sum_{i=1}^{q_s} \sum_{j=1}^{n_{hi}} y_{hijk}}{\sum_{i=1}^{q_s} n_{hi}} \quad (1)$$

where:

- \hat{Y}_{hk} = estimated total catch, harvest or participation for residential stratum h within site k ;
- y_{hijk} = catch, harvest or participation at site k by household j responding to mailing i within residential stratum h ;
- q_s = number of mailings sent to households within each of the mailing groups (denoted by “ s ”), set to 3 for the early and late resident mailing groups as well as the early Nonresident mailing group, and set to 2 for the late Nonresident mailing group;
- n_{hi} = number of households responding to the mailing i within residential stratum h ;
- \hat{N}_h = estimated number of households with at least one fishing license holder in 2008 for residential stratum h , calculated as:

$$(M_h + P_h) \hat{V}_h; \quad (2)$$
- M_h = number of license holders residing in residential stratum h in 2008;
- P_h = equaled the total number unique Alaska residents holding a valid PID or DAV card (note that this term is only valid for the Alaska resident stratum (and specifically just the *Early Resident Mailing Group*), accordingly the value is set to zero (0) for the other mailing group’s corresponding strata);
- \hat{V}_h = the estimated ratio of the number of households to license-holders and PID or DAV holders for each residential stratum, calculated from the respondents to the survey as:

$$\frac{\sum_{i=1}^{q_s} n_{hi}^{\dagger}}{\sum_{i=1}^{q_s} \sum_{j=1}^{n_{hi}^{\dagger}} (m_{hij} + p_{hij})}; \quad (3)$$

- n_{hi}^{\dagger} = the number of respondents to mailing i within residential stratum h who answered the questions regarding the number of sport fishing license and PID or DAV holders;
- m_{hij} = the reported number of sport fishing license holders in household j for mailing i within residential stratum h ;
- p_{hij} = the reported number of individual PID or DAV holders for household j for mailing i within residential stratum h ; and
- \hat{R}_s = Nonresponse ratio for each mailing group s where each mailing group represents a combination of the strata as follows:
- Resident Early, which only includes the Early Alaska stratum;
 - Resident Late, which only includes the Late Alaska stratum;
 - Nonresident Early, which includes the Early license sale groups for the Other USA, Canadian, and Other Foreign residential groups; and
 - Nonresident Late, which includes the Late license sale groups for the Other USA, Canadian, and Other Foreign residential groups.

The \hat{R}_s were obtained by simulation based upon exponential regression models for those households which did respond (analogously to the procedures outlined by Drane et al. 1973). The exponential regression model that is used has been shown over the years of the survey to fit the observed responses over the three mailings, and it essentially corresponds to the demonstrated relationship that nonrespondents tend to fish less frequently than respondents (Brown and Wilkins 1978; Leinonen 1988; Tarrant et al. 1993; Fisher 1993). The values of \hat{R}_s are as noted above are unique for each of the mailing groups. Note, that as noted in the procedures outlined below the value of \hat{R}_s for the Late Nonresident mailing group involves use of response information from the Early Nonresident mailing group as a “proxy” to compensate for not sending a third reminder to this mailing group.

The two exponential regression models were:

$$\ln(n_{si}) = \alpha'_s + \beta'_s i + \varepsilon'_{si}, \quad (4)$$

for $i = 1, 2, 3$; and

$$\ln(r_{si}) = \alpha''_s + \beta''_s i + \varepsilon''_{si}, \quad (5)$$

for $i = 1, 2, 3$;

where:

- n_{si} = number of households that responded to mailing i for mailing group s ;

r_{si} = mean participation or harvest for a species, over all sites by respondents to mailing i for mailing group s ;

and ε'_{si} and ε''_{si} are normal variates with mean 0 and variance $\sigma_s'^2$ and $\sigma_s''^2$, respectively.

Parameters α'_s , α''_s , β'_s , and β''_s were estimated using the method of least squares (Draper and Smith 1981). The form of the regression models used was chosen during previous Alaska statewide mail surveys conducted in a similar manner. The chosen form was demonstrated to fit the patterns of response for the respondents to the three mailings. The set $\{n_4, n_5, \dots, n_I\}$ was estimated from regression 4, and the set $\{r_4, r_5, \dots, r_I\}$ was estimated from regression 5, where I was the simulated mailing at which the following criterion was met (this criterion was not always met, in these cases an infinite series equality was used as described below, see equations (13) and (14)):

$$\sum_{i=1}^{q_s} n_{si} + \sum_{i=(q_s+1)}^I \tilde{n}_{si} = n_s \quad (6)$$

where:

$$\tilde{n}_{si} = \text{Simulated number of households responding to the simulated mailing } i, \text{ for } i = 3 \text{ or } 4, 5, \dots, I, \text{ for mailing group } s, \text{ calculated as: } e^{(\alpha'_s + \beta'_s i)}; \text{ and} \quad (7)$$

n_s = the number of households sampled for mailing group s .

All regression models were evaluated for lack of fit using plots of observed and predicted values for each parameter. If any serious lack of fit was evident, which can be the case for some of the statistics for subspecies, then grouping of species was used to estimate the nonresponse model for these groups.

The term \hat{R}_s was calculated as follows:

$$\hat{R}_s = \frac{\theta_s \bar{Y}_s + (1 - \theta_s) \tilde{Y}_s}{Y_s}; \quad (8)$$

where:

θ_s = ratio of the number of observed respondents to the total of observed respondents and “simulated” respondents for mailing group s , calculated as follows:

$$\frac{\sum_{i=1}^{q_s} n_{si}}{\sum_{i=1}^{q_s} n_{si} + \sum_{i=(q_s+1)}^I \tilde{n}_{si}} \quad (9)$$

\bar{Y}_s = the reported average participation or harvest of a particular species over all locations throughout the state for all responding households within each mailing grouping s , calculated as:

$$\frac{\sum_{i=1}^{q_s} \sum_{j=1}^{n_{si}} y_{sij}}{\sum_{i=1}^{q_s} n_{si}}; \quad (10)$$

y_{sij} = reported participation or harvest of a particular species over all locations throughout the state for responding household j for mailing i within mailing grouping s ;

\tilde{Y}_s = the simulated average harvest of a particular species over all locations throughout the state for all households simulated to respond to simulated mailings within each mailing grouping s , calculated as:

$$\frac{\sum_{i=(q_s+1)}^I \tilde{n}_{si} \tilde{r}_{si}}{\sum_{i=(q_s+1)}^I \tilde{n}_{si}}; \quad (11)$$

\tilde{r}_{si} = simulated harvest of a particular species over all locations throughout the state for all households simulated to respond to the simulated mailing i within mailing grouping s , calculated using the parameters obtained from regression 5, as:

$$e^{(\alpha_s'' + \beta_s'' i)} \quad (12)$$

Note that for the values for \tilde{n}_{si} and \tilde{r}_{si} calculated by equations 7 and 12 for the Nonresident Late mailing group will be calculated using the regression model developed for the Nonresident Early mailing group.

If the criterion defined in equation 6 was not met, then the term I was set to infinity, and the following infinite series equality (Gradshteyn and Ryzhick 1980, page 7, equation 0.231.1) was used to calculate the numerator of equation 11:

$$\sum_{i=(q_s+1)}^I \tilde{n}_{si} \tilde{r}_{si} = \frac{e^{(\alpha_s' + \alpha_s'')}}{1 - e^{(\beta_s' + \beta_s'')}} - e^{(\alpha_s' + \alpha_s'')} - \left(\sum_{i=1}^{q_s} e^{(\alpha_s' + \beta_s' i + \alpha_s'' + \beta_s'' i)} \right) \quad (13)$$

Similarly, the denominator in equation 11 was calculated by:

$$\sum_{i=(q_s+1)}^I \tilde{n}_{si} = \frac{e^{\alpha_s'}}{1 - e^{\beta_s'}} - e^{\alpha_s'} - \left(\sum_{i=1}^{q_s} e^{(\alpha_s' + \beta_s' i)} \right) \quad (14)$$

Note, the regression parameters used above for the Resident Late mailing group involved use of the regression parameter estimates from the Resident Early mailing group.

The estimating equations outlined above are the same as used in 2006 and 2007, and similar to those used in years prior to 2006 (with the exception of the modifications of calculations related to only sending one reminder to the strata in the Nonresident Late mailing group).

Standard errors for participation, catch, and harvest estimates were calculated using a bootstrap resampling procedure (Efron and Tibshirani 1993) with 1,000 replications.

Review and Finalization of Estimates

The following guidelines (Mills and Howe 1992) provided a basis for evaluating the utility of statewide survey estimates and for determining at which level of detail estimates would be published:

- Other than to document that sport fishing occurred, estimates based on fewer than 12 responses at a given site should not be used;
- Estimates based on 12 to 29 responses can be useful in indicating relative orders of magnitude and for assessing long-term trends; and
- Estimates based on 30 or more responses are generally reliable.

Estimates for individual sites that did not match these criteria were combined (aggregated) with other sites of a similar type within a geographic hierarchy for publication purposes.

Preliminary estimates were summarized into effort, harvest and catch reports at the survey area and location code level for each species. These ‘detail reports’ were made available to SF biologists via an intranet site for review of the estimates. The estimates were also summarized by species and survey area and compared to the previous five years of estimates. During this preliminary review period, biologists provided feedback on the data and problems were researched and edited. Changes or corrections recommended by biologists were incorporated into the database(s) as appropriate, and an electronic spreadsheet was created keeping track of all changes during the review period. After conclusion of the review period, the entire computer-based editing and estimation process was re-run to generate final estimates.

An annual sites database including the following information recorded by site was maintained and updated based upon the edits, containing:

- Site code value;
- Site name;
- Hierarchy site code;
- Report code value;
- Type of fishing;
- Valid species for site;
- Latitude-longitude of site;
- Quadrangle map identifier; and
- Commonly misidentified species list.

The final effort, harvest and catch estimates were also summarized by survey group (resident and nonresident) for each location code.

After all edits and data summaries were completed, the resulting current year estimate files were appended into the historic SQL server Estimate Database to facilitate miscellaneous updates and

for the production of reports used in the project annual summary report and in other ADF&G divisional reports. The database is composed of several working subsets of the data, including Number of Angler estimates at various aggregation levels, published reports, detailed reports, and estimates at the location code and residence (residents and nonresident) level. Annual, intermediate files are stored separately on the network.

RESULTS

SURVEY PERFORMANCE

Delivery Success

Considerable time was spent reviewing and modifying addresses in both the Sport License and PID/DAV files throughout the year. This effort contributed greatly to the 97.2% delivery success for the survey booklets in 2008 (Table 1.4).

Table 1.4.—Rate of delivery success by survey type, strata, and mailing, 2008.

Mailing Group	Mailed	Nondeliverable	Percent Successful
Standard			
Nonresident Early	12,899	200	98.4%
Nonresident Late	12,020	197	98.4%
Total–Nonresident	24,919	397	98.4%
Resident Early	14,124	703	95.0%
Resident Late	8,593	251	97.1%
Total–Resident	22,717	954	95.8%
Total Standard	47,636	1,351	97.2%
Supplementary			
Nonresident Early	13,212	207	98.4%
Nonresident Late	12,313	221	98.2%
Total–Nonresident	25,525	428	98.3%
Resident Early	14,535	714	95.1%
Resident Late	8,830	234	97.3%
Total–Resident	23,365	948	95.9%
Total Supplementary	48,890	1,376	97.2%
All Survey Types			
Total all surveys	96,526	2,727	97.2%

Response Rates

The response rate for the standard survey was 44.9%, with the nonresident mailing groups achieving 43.9% and the resident mailing groups a 46.3% response rates (Tables 1.5; 2.3). The rate of response to the supplementary survey was slightly higher at 45.0% with the nonresident mailing groups achieving 44.7% and the resident mailing groups 45.3 % response rates (Tables 1.5; 2.4).

PARTICIPATION

During 2008 a total of 186,311 (38.3%) Alaska resident sport fishing licenses and 300,090 (61.7%) nonresident licenses were issued out of a total of 486,401 licenses (Table 2.5). The number of nonresident license sales decreased from 2007 while the number of resident license sales increased. During 2008, an estimated 477,281 anglers fished 2,315,601 days. About 43.3% of the anglers were Alaska residents who accounted for 58.8% of the total days fished. Nonresident participation in terms of number of licensed anglers was highest in Southeast

(78.9%) and lowest in the Arctic-Yukon-Kuskokwim (AYK) region (33.0%). In Southcentral 50.5% of all anglers were Alaska residents (Tables 2.6–2.10; Figures 2.2–2.3).

Days fished by Alaska residents exceeded those of nonresidents in Southcentral and AYK regions of the state, accounting for about 62.5% and 74.3% of total regional days fished, respectively. In Southeast Alaska, days fished by nonresidents exceeded those of residents of the state, with nonresident anglers accounting for 58.3% of days fished (Table 2.6).

Table 1.5.—Response rates by survey type, strata and mailing, 2008.

Mailing Group	Total Households		Nondeliverable	Response
	Mailed	Responses		Percentage
Standard				
Nonresident Early	5,866	2,816	200	49.7%
Nonresident Late	7,158	2,728	197	39.2%
Nonresident Total	13,024	5,544	397	43.9%
Resident Early	6,664	3,060	703	51.3%
Resident Late	3,600	1,255	251	37.5%
Resident Total	10,264	4,315	954	46.3%
Total Standard	23,288	9,859	1,351	44.9%
Supplementary				
Nonresident Early	5,942	2,796	207	48.8%
Nonresident Late	7,326	2,948	221	41.5%
Nonresident Total	13,268	5,744	428	44.7%
Resident Early	6,764	2,994	714	49.5%
Resident Late	3,680	1,303	234	37.8%
Resident Total	10,444	4,297	948	45.3%
Total Supplementary	23,712	10,041	1,376	45.0%
All Survey Types				
Total all surveys	47,000	19,900	2,727	44.9%

HARVEST

An estimated 2,976,610 fish were harvested in 2008 (Table 2.11). This total included 592,910 razor clams *Siliqua patula* and 35,769 smelt and capelin *Osmeridae*. Of the remaining 2,347,931 harvested fish, 1,374,057 (58.5%) were anadromous (sea-run) Pacific salmon *Oncorhynchus*, 516,480 (22.0%) were Pacific halibut, 226,385 (9.6%) were rockfish *Sebastes*, 49,159 (2.1%) were rainbow trout *O. mykiss*, 50,754 (2.2%) were Dolly Varden *Salvelinus malma* and Arctic char *Salvelinus alpinus*, 22,586 (1.0%) were Arctic grayling *Thymallus arcticus*, and (0.4%) were landlocked salmon (10,441 Chinook, coho *O. kisutch*, and kokanee *O. nerka*; Tables 2.12–2.41; Figures 2.4–2.9).

The 2008 total anadromous salmon estimated harvest of 1,374,057 (Table 2.17; Figure 2.4) included 132,257 Chinook, 676,376 coho, 410,087 sockeye, 134,546 pink *O. gorbuscha*, and 20,791 chum salmon *O. keta* (Table 2.11). The marine salmon harvest total of 602,960 included 70,776 Chinook, 402,799 coho, 29,357 sockeye, 88,425 pink, and 11,603 chum salmon (Table 2.15). The freshwater total of 771,097 anadromous salmon included 61,481 Chinook, 273,577 coho, 380,730 sockeye, 46,121 pink, and 9,188 chum salmon (Table 2.16). Regionally, 358,635 anadromous salmon were harvested in Southeast Alaska, (Table 2.14) 965,710 in Southcentral (Table 2.15) and 49,712 in the Arctic-Yukon-Kuskokwim area (Table 2.16).

Region and area fishery estimates of harvest by species and site for 2008 are presented in Tables 2.42–2.97.

CATCH

The estimated catch of 7,119,896 fish in 2008 (Table 2.11) included 592,910 razor clams and 40,167 smelt. Of the remaining 6,486,819 fish caught, 1,064,168 (16.4%) were sea-run coho salmon, 744,511 (11.5%) were pink salmon, 875,420 (13.5%) were Pacific halibut, 698,775 (10.8%) were sockeye salmon, 748,590 (11.5%) were rainbow trout, 340,272 (5.2%) were Arctic grayling, 660,544 (10.2%) were Dolly Varden and Arctic char, 344,111 (5.3%) were Chinook salmon, 397,119 (6.1%) were rockfish, and 164,555 (2.5%) were chum salmon.

DISCUSSION

Survey performance can be measured, in part, by the success of delivery of the survey to the respondents. In 2008, the percentage of surveys that were returned as ‘undeliverable’ from the postal service for both survey types was less than 3% of the total mailed (Tables 1.4 and 1.5). For both survey types, the strata and mailing that had the highest percentage of undeliverables was the Resident Early mailing. This stratum contained the largest number of all the mailings.

Another measure of survey performance is the response rate. In 2008, an overall response rate of 44.9% was achieved. Response rates for the standard survey have remained relatively constant from the 2006 through the 2008 survey year, while the supplementary survey had higher response rates for three of the four strata in 2008.

In 2008, the estimated number of anglers dropped slightly from a ten-year high of 494,261 in 2007. The estimated number of nonresident anglers has risen consistently since 1999 with slight dips in 2002, 2006 and 2008. The estimated number of resident anglers dropped slightly from 2007. Similar to the estimated number of days fished, the number of resident anglers exceeded nonresident in the AYK region. For the first time in five years, the number of resident anglers exceeded nonresident anglers in Southcentral region with residents estimated at 166,430 and nonresidents at 163,188. Keeping with the trend since 2001, the number of nonresident anglers in Southeast remained higher than resident anglers in 2008 at an estimated total of 101,974—down slightly from 105,759 in 2007 (Table 2.6).

Overall, the estimated number of days fished by both residents and nonresidents fell from 2007. Statewide and in Southcentral and Southeast, the number of days fished for both residency groups appear to parallel each other for the years 2005–2008. In Arctic-Yukon-Kuskokwim region, the number of days fished by nonresidents remained nearly the same from 2005 through 2008 with a high of 52,794 in 2005 to a low of 45,026 in 2006. Resident days fished in the region fell off by nearly 20,000 after rising above 155,000 in 2007. Southeast is the only region where nonresidents fish more days than residents (Table 2.6).

In looking at some of the most sought-after species, the harvests of both Pacific halibut and lingcod fell off by approximately 11% in 2008. After showing a slight increase in estimated harvest in 2007, coho salmon harvest decreased almost 6% in 2008 to just over 675,000. Chinook salmon continued a downward trend in 2008, dropping significantly to 132,257 estimated harvest—a 31% decrease from 2007 (Figure 1.1). Estimated harvest of razor clams jumped in 2008 to 592,910, topping the estimated harvest of the previous 4 years. Rockfish harvest also continued a three-year trend by rising to an 11-year high 226,385 in 2008 (Figure 1.2.).

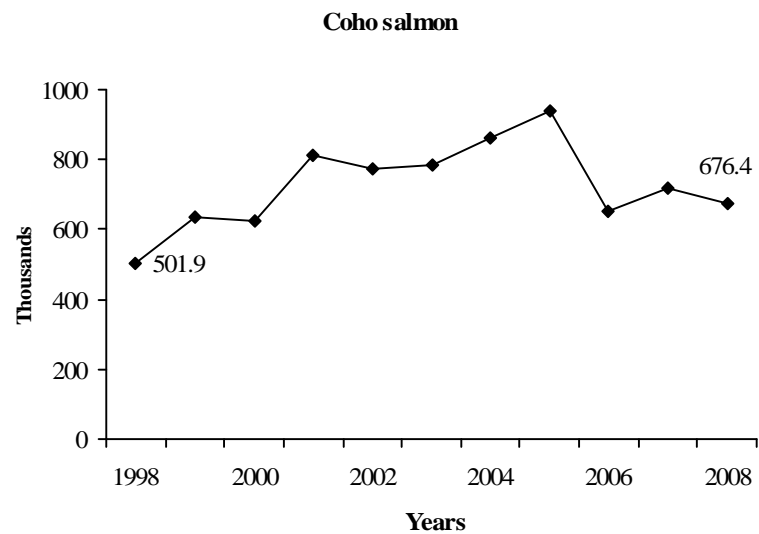
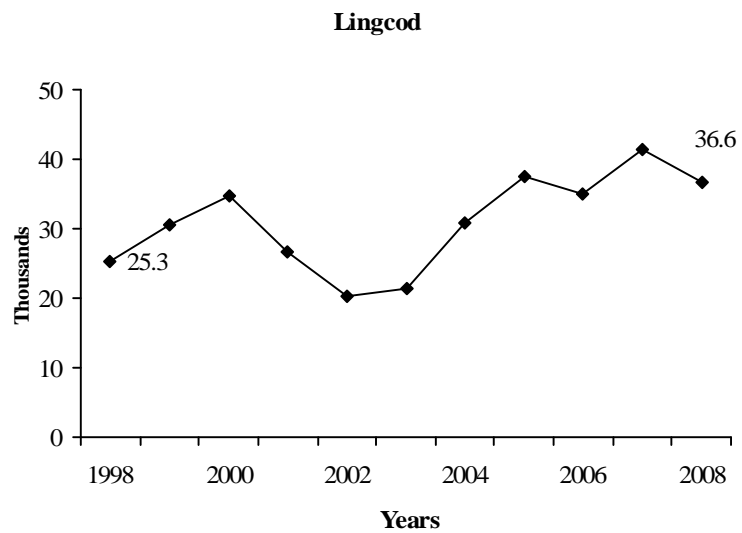
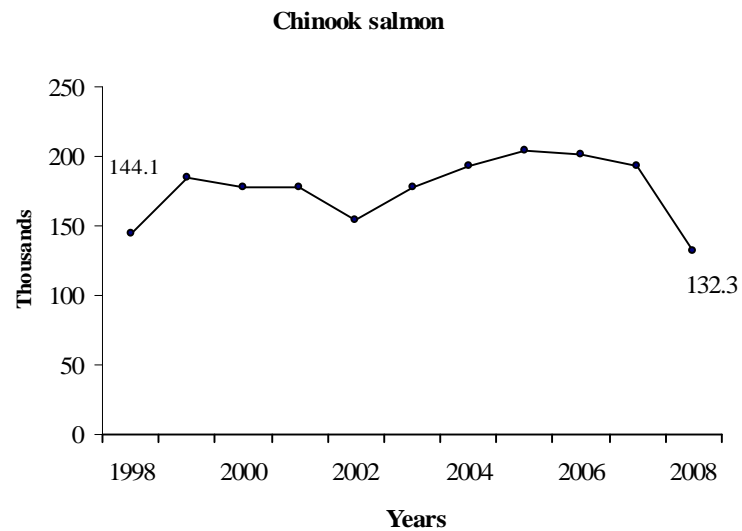
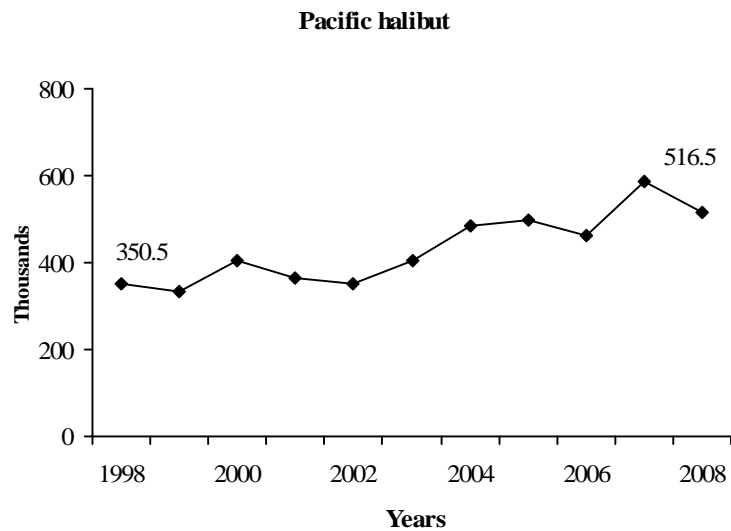


Figure 1.1.—Major species harvest, 1998–2008, showing a decrease in harvest from 2007.

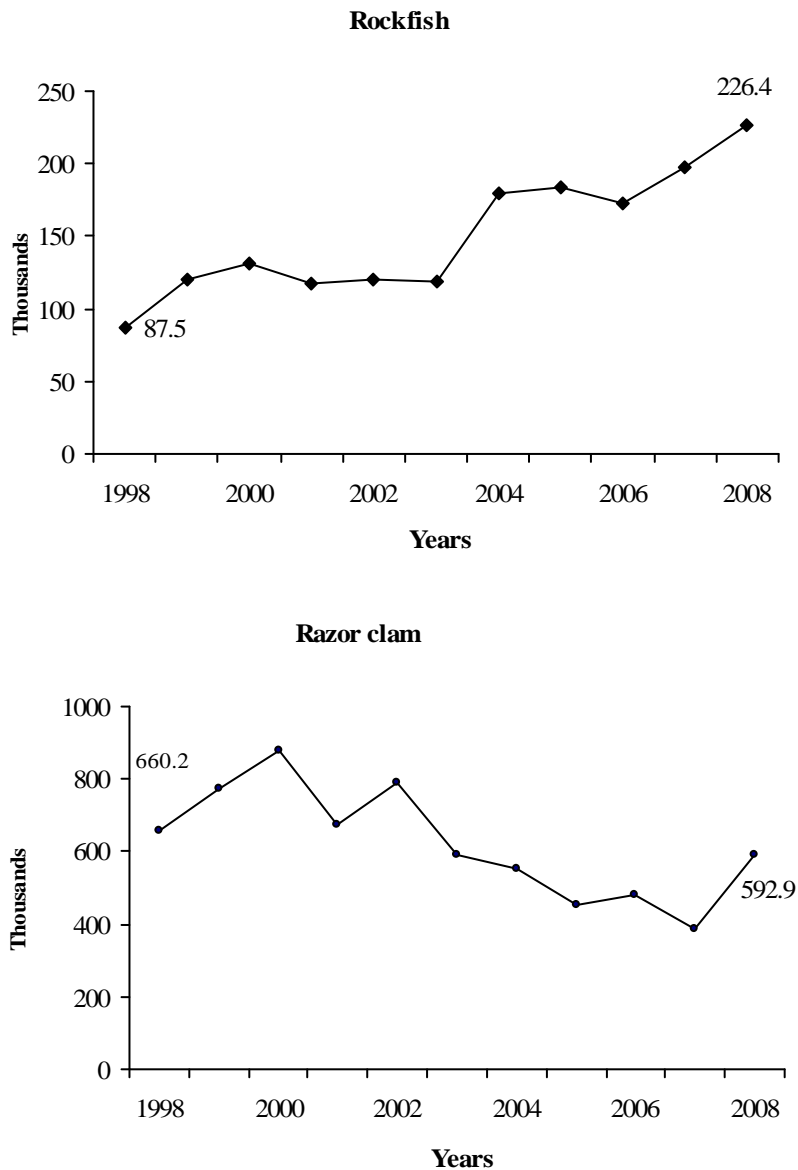


Figure 1.2.—Major species harvest, 1998–2008, showing an increase in harvest from 2007.

The estimated catch statewide of rainbow trout remained nearly the same from the previous year with a total of 748,590—up from a 10-year low in 2005 of an estimated 624,089. Both Dolly Varden and Arctic grayling catch estimates rose from the previous year, with an estimated catch of 660,544 and 340,272 respectively (Figure 1.3).

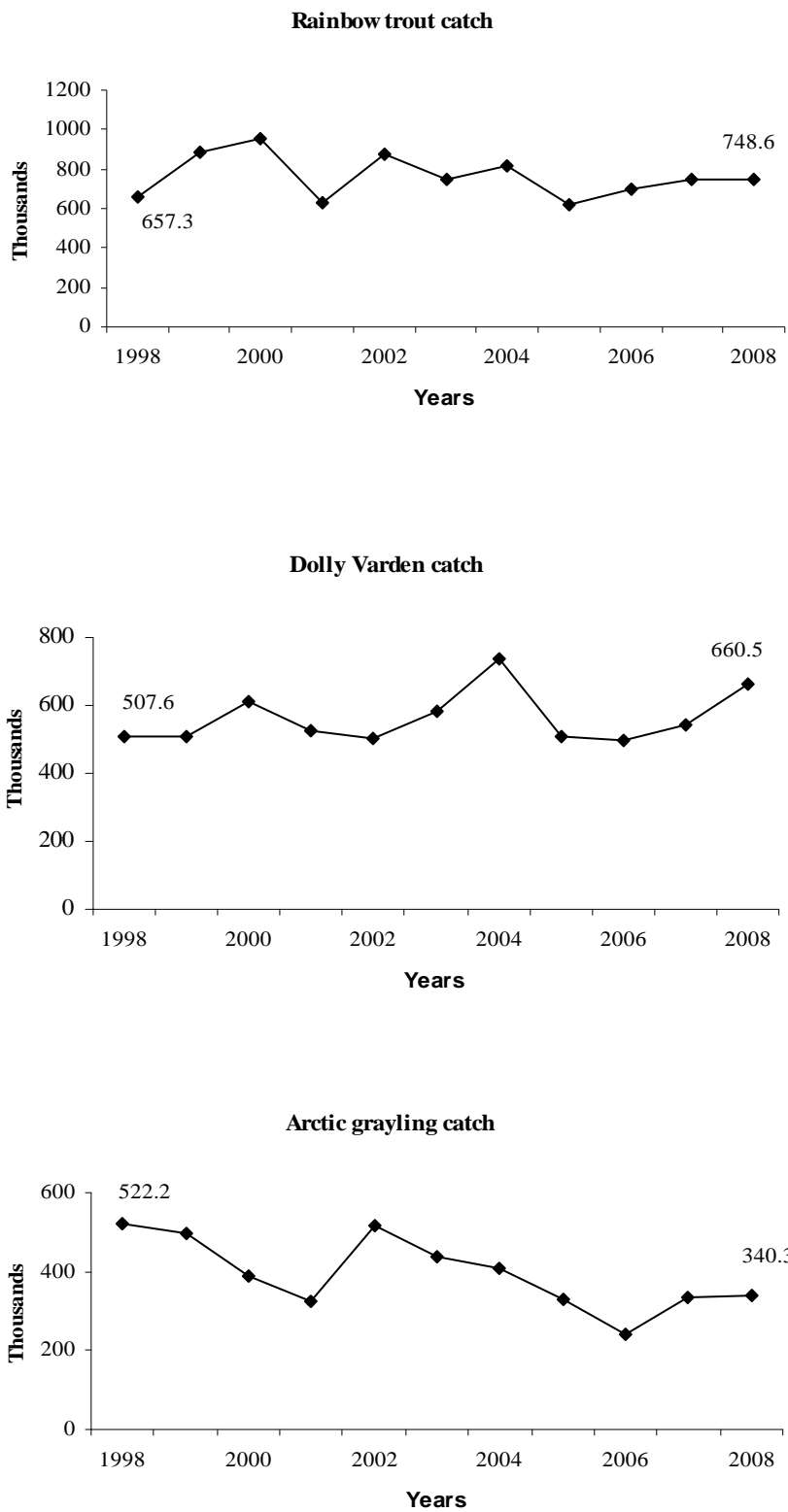


Figure 1.3.—Estimated numbers of Arctic grayling, Dolly Varden and Rainbow trout caught, 1999–2008.

Differences between the harvest estimates from the 2008 mail survey and comparable estimates from onsite creel surveys (Table 2.98) were similar in magnitude to those reported in prior years (Mills and Howe 1992, Clark 2009). Most of the differences in estimates between the two types of survey were that the mail survey values were higher than those from the comparable onsite surveys, likely due to similar reasons as noted by Clark (2009). The comparisons reported in Clark (2009) covered the 1996-2006 mail surveys results, and will be updated approximately every five years.

For more than three decades the statewide sport fish survey has proved successful in economically meeting management needs for estimates of participation and harvest for Alaska's sport fisheries. The survey has been well received by the angling public. Historically the harvest results have been consistent with those from onsite creel surveys for large fisheries (Mills and Howe 1992, Clark 2009). Sport fish biologists report that statewide survey harvest estimates for areas without analogous creel survey estimates are generally comparable with their own knowledge and observations.

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SECTION 2: TABLES AND FIGURES



Figure 2.1.—Map of Alaska sport fishing regions and areas.

Table 2.1.–List of Alaska sport fishing regions and areas.

Regions	
I	Southeast Alaska
II	Southcentral Alaska
III	Arctic-Yukon-Kuskokwim
Areas	
Southeast Alaska	
A	Ketchikan
B	Prince of Wales
C	Kake, Petersburg, Wrangell, Stikine
D	Sitka
E	Juneau
F	Haines-Skagway
G	Glacier Bay
H	Yakutat
Southcentral Alaska	
J	North Gulf Coast–Prince William Sound
K	Knik Arm
L	Anchorage
M	Susitna River drainage
N	West Side Cook Inlet
P	Kenai Peninsula/Cook Inlet
Q	Kodiak
R	Naknek River–Alaska Peninsula
S	Kvichak River drainage
T	Nushagak, Wood River and Togiak
Arctic-Yukon-Kuskokwim	
I	Upper Copper River drainage
U	Tanana River drainage
V	Kuskokwim River–Kuskokwim Bay drainages
W	Seward Peninsula–Norton Sound
X	Northwest Alaska
Y	Yukon River drainage
Z	North Slope/Brooks Range

Table 2.2.–List of common names, scientific names, and abbreviations.

Common Name	Scientific Name	Abbreviation
Chinook salmon	<i>Oncorhynchus tshawytscha</i>	KS
Small Chinook salmon	<i>Oncorhynchus tshawytscha</i>	KI
Coho salmon	<i>Oncorhynchus kisutch</i>	SS
Landlocked salmon–coho	<i>Oncorhynchus kisutch</i>	LL
Landlocked salmon–Chinook	<i>Oncorhynchus tshawytscha</i>	LL
Sockeye salmon	<i>Oncorhynchus nerka</i>	RS
Kokanee salmon	<i>Oncorhynchus nerka</i>	KO
Pink salmon	<i>Oncorhynchus gorbuscha</i>	PS
Chum salmon	<i>Oncorhynchus keta</i>	CS
Steelhead	<i>Oncorhynchus mykiss</i>	SH
Rainbow trout	<i>Oncorhynchus mykiss</i>	RT
Cutthroat trout	<i>Oncorhynchus clarki</i>	CT
Brook trout	<i>Salvelinus fontinalis</i>	BT
Lake trout	<i>Salvelinus namaycush</i>	LT
Dolly Varden	<i>Salvelinus malma</i>	DV
Arctic char	<i>Salvelinus alpinus</i>	AC
Arctic grayling	<i>Thymallus arcticus</i>	GR
Northern pike	<i>Esox lucius</i>	NP
Whitefish	<i>Coregonus</i> spp. and <i>Prosopium</i> spp.	WF
Burbot	<i>Lota lota</i>	BB
Inconnu (Sheefish)	<i>Stenodus leucichthys</i>	SF
Pacific halibut	<i>Hippoglossus stenolepis</i>	HA
Pacific cod	<i>Gadus macrocephalus</i>	PC
Shark	<i>Lamna ditropis</i> (salmon shark), <i>Somniosus pacificus</i> (Pacific sleeper shark), and <i>Squalus acanthias</i> (spiny dogfish) are the most common species caught.	SK
Rockfish	<i>Sebastes</i> spp.	RF
Lingcod	<i>Ophiodon elongatus</i>	LC
Smelt	Osmeridae	SM
Capelin	<i>Mallotus villosus</i>	SM
King crab	<i>Paralithodes camtschatica</i>	KC
Dungeness crab	<i>Cancer magister</i>	DC
Tanner crab	<i>Chionoecetes bairdi</i>	TC
Shrimp	Pandalidae	SHR
Razor clam	<i>Siliqua patula</i>	RCL
Hardshell clams		HCL
Butter clam	<i>Saxidomus giganteus</i>	
Littleneck clam	<i>Protothaca staminea</i>	
Cockle	<i>Clinocardium nuttallii</i>	
Gaper clam	<i>Tresus capax</i>	
Eastern softshell clam	<i>Mya arenaria</i>	
Truncated mya	<i>Mya truncata</i>	
Alaska surf clam	<i>Spisula polynyma</i>	
Other shellfish		OS

Source: Nelson et al. 2004, McLaughlin et al. 2005.

Table 2.3.—Response to the standard Alaska sport fish survey mailing, 2008.

		Mailing 1	Mailing2	Mailing3	Total
Nonresident Early	Mailed	5,866	3,913	3,120	12,899
	Nondeliverable ^a				200
	Non-responses	3,913	3,120	2,850	9,883
	Responses	1,812	757	247	2,816
	Response Rate ^b	32.0%	13.4%	4.4%	49.7%
Nonresident Late	Mailed	7,158	4,862	0	12,020
	Nondeliverable ^a				197
	Non-responses	4,862	4,233		9,095
	Responses	2,142	586		2,728
	Response Rate ^b	30.8%	8.4%		39.2%
Resident Early	Mailed	6,664	4,205	3,255	14,124
	Nondeliverable ^a				703
	Non-responses	4,205	3,255	2,901	10,361
	Responses	1,920	830	310	3,060
	Response Rate ^b	32.2%	13.9%	5.2%	51.3%
Resident Late	Mailed	3,600	2,719	2,274	8,593
	Nondeliverable ^a				251
	Non-responses	2,719	2,274	2,094	7,087
	Responses	706	404	145	1,255
	Response Rate ^b	21.1%	12.1%	4.3%	37.5%
Total	Mailed	23,288	15,699	8,649	47,636
	Nondeliverable ^a				1,351
	Non-responses	15,699	12,882	7,845	36,426
	Responses	6,580	2,577	702	9,859
	Response Rate ^b	30.0%	11.8%	3.2%	44.9%

^a Because there is no proof of questionnaire delivery unless returned by the addressee, all nondeliverables are counted as nondeliverable to the first mailing.

^b The response rates were calculated as the percentage of each mailing's responses to the first mailing excluding the non-deliverable surveys.

Table 2.4.–Response to the supplementary Alaska sport fish survey mailing, 2008.

		Mailing 1	Mailing2	Mailing3	Total
Nonresident Early	Mailed	5,942	4,061	3,209	13,212
	Nondeliverable ^a				207
	Non-responses	4,061	3,209	2,939	10,209
	Responses	1,741	804	251	2,796
	Response Rate ^b	30.4%	14.0%	4.4%	48.8%
Nonresident Late	Mailed	7,326	4,987	0	12,313
	Nondeliverable ^a				221
	Non-responses	4,987	4,157		9,144
	Responses	2,156	792		2,948
	Response Rate ^b	30.3%	11.2%		41.5%
Resident Early	Mailed	6,764	4,370	3,401	14,535
	Nondeliverable ^a				714
	Non-responses	4,370	3,401	3,056	10,827
	Responses	1,852	859	283	2,994
	Response Rate ^b	30.6%	14.2%	4.7%	49.5%
Resident Late	Mailed	3,680	2,804	2,346	8,830
	Mailed				234
	Nondeliverable ^a	2,804	2,346	2,143	7,293
	Non-responses	723	411	169	1,303
	Responses	21.0%	11.9%	4.9%	37.8%
Total	Response Rate ^b				
	Mailed	23,712	16,222	8,956	48,890
	Nondeliverable ^a				1,376
	Non-responses	16,222	13,113	8,138	37,473
	Responses	6,472	2,866	703	10,041
	Response Rate ^b	29.0%	12.8%	3.2%	45.0%

^a Because there is no proof of questionnaire delivery unless returned by the addressee, all nondeliverables are counted as nondeliverable to the first mailing.

^b The response rates were calculated as the percentage of each mailing's responses to the first mailing excluding the non-deliverable surveys.

Table 2.5.—Number and percent of Alaska sport fishing licenses by residency, 1961-2008.

Year	Resident		Nonresident		Total
	Number	Percent	Number	Percent	
1961	41,120	74.0	14,444	26.0	55,564
1962	42,015	74.0	14,783	26.0	56,798
1963	46,160	73.1	16,977	26.9	63,137
1964	45,355	74.5	15,527	25.5	60,882
1965	48,421	71.3	19,483	28.7	67,904
1966	50,287	70.3	21,256	29.7	71,543
1967	50,357	65.4	26,594	34.6	76,951
1968	58,344	64.4	32,221	35.6	90,565
1969	62,546	63.0	36,777	37.0	99,323
1970	71,711	63.2	41,683	36.8	113,394
1971	75,952	65.8	39,543	34.2	115,495
1972	82,088	66.0	42,347	34.0	124,435
1973	89,823	70.2	38,179	29.8	128,002
1974	95,485	70.8	39,415	29.2	134,900
1975	101,900	69.0	45,821	31.0	147,721
1976	118,679	70.7	49,194	29.3	167,873
1977	121,913	68.6	55,821	31.4	177,734
1978	129,750	66.5	65,481	33.5	195,231
1979	130,458	64.4	72,090	35.6	202,548
1980	132,103	63.9	74,699	36.1	206,802
1981	138,784	61.4	87,407	38.6	226,191
1982	156,324	59.8	105,014	40.2	261,338
1983	169,761	62.4	102,481	37.6	272,242
1984	177,949	60.7	115,127	39.3	293,076
1985	176,725	58.2	127,077	41.8	303,802
1986	180,936	57.6	133,051	42.4	313,987
1987	181,721	56.3	140,773	43.7	322,494
1988	177,383	54.0	151,308	46.0	328,691
1989	174,942	51.8	163,098	48.2	338,040
1990	180,214	49.6	182,779	50.4	362,993
1991	184,813	50.5	181,182	49.5	365,995
1992	182,245	46.6	208,516	53.4	390,761
1993	181,843	46.9	205,720	53.1	387,563
1994	183,186	44.6	227,088	55.4	410,274
1995	176,428	42.6	238,021	57.4	414,449
1996	180,747	42.6	243,731	57.4	424,478
1997	180,029	41.7	251,865	58.3	431,894
1998	173,833	40.6	254,494	59.4	428,327
1999	172,717	39.1	269,153	60.9	441,870
2000	177,700	38.7	280,939	61.3	458,639
2001	178,251	39.3	274,968	60.7	453,219
2002	184,790	39.4	284,583	60.6	469,373
2003	188,411	39.4	289,358	60.6	477,769
2004	188,976	37.5	314,446	62.5	503,422
2005	188,697	36.3	331,570	63.7	520,267
2006	181,672	36.8	311,777	63.2	493,449
2007	183,089	36.4	320,058	63.6	503,147
2008	186,311	38.3	300,090	61.7	486,401

Table 2.6.—Statewide and regional estimates of participation in Alaska sport fishing by residency, 2003–2008.

	2003					2004				
	Residents of Alaska		Nonresidents of Alaska			Residents of Alaska		Nonresidents of Alaska		
Region	Number	Percent	Number	Percent	Total	Number	Percent	Number	Percent	Total
Anglers										
Southeast	29,678	26.0	84,659	74.0	114,337	31,838	24.5	97,958	75.5	129,796
Southcentral	169,533	52.4	154,159	47.6	323,692	169,120	50.0	169,097	50.0	338,217
AYK ^a	34,902	71.8	13,710	28.2	48,612	29,923	67.3	14,526	32.7	44,449
Total	214,658	47.1	240,936	52.9	455,594	213,813	44.2	270,453	55.8	484,266
Days Fished										
Southeast	227,467	47.7	249,725	52.3	477,192	253,231	46.3	294,018	53.7	547,249
Southcentral	968,502	63.1	566,999	36.9	1,535,501	1,072,559	62.7	637,112	37.3	1,709,671
AYK ^a	161,260	78.0	45,445	22.0	206,705	163,778	75.5	53,263	24.5	217,041
Total	1,357,229	61.2	862,169	38.8	2,219,398	1,489,568	60.2	984,393	39.8	2,473,961
	2005					2006				
	Residents of Alaska		Nonresidents of Alaska			Residents of Alaska		Nonresidents of Alaska		
Region	Number	Percent	Number	Percent	Total	Number	Percent	Number	Percent	Total
Anglers										
Southeast	30,358	22.9	102,032	77.1	132,390	28,090	21.9	100,369	78.1	128,459
Southcentral	163,549	47.7	179,031	52.3	342,580	160,899	48.8	168,635	51.2	329,534
AYK ^a	28,627	65.6	14,999	34.4	43,626	26,783	68.8	12,170	31.2	38,953
Total	206,912	42.0	285,174	58.0	492,086	201,698	42.6	271,965	57.4	473,663
Days Fished										
Southeast	239,174	42.1	328,610	57.9	567,784	207,114	40.1	309,721	59.9	516,835
Southcentral	994,620	58.1	717,990	41.9	1,712,610	950,177	59.2	655,675	40.8	1,605,852
AYK ^a	130,741	71.2	52,794	28.8	183,535	130,248	74.3	45,026	25.7	175,274
Total	1,364,535	55.4	1,099,394	44.6	2,463,929	1,287,539	56.0	1,010,422	44.0	2,297,961
	2007					2008				
	Residents of Alaska		Nonresidents of Alaska			Residents of Alaska		Nonresidents of Alaska		
Region	Number	Percent	Number	Percent	Total	Number	Percent	Number	Percent	Total
Anglers										
Southeast	27,805	20.8	105,759	79.2	133,564	27,333	21.1	101,974	78.9	129,307
Southcentral	167,897	48.9	175,748	51.1	343,645	166,430	50.5	163,188	49.5	329,619
AYK ^a	29,545	69.3	13,119	30.7	42,663	28,461	67.0	14,031	33.0	42,492
Total	209,518	42.4	284,743	57.6	494,261	206,798	43.3	270,483	56.7	477,281
Days Fished										
Southeast	219,141	40.6	321,149	59.4	540,290	212,297	41.7	297,300	58.3	509,597
Southcentral	1,088,049	60.5	711,303	39.5	1,799,352	1,013,734	62.5	609,186	37.5	1,622,920
AYK ^a	155,496	76.2	48,536	23.8	204,032	136,045	74.3	47,039	25.7	183,084
Total	1,462,686	57.5	1,080,988	42.5	2,543,674	1,362,076	58.8	953,525	41.2	2,315,601

Note: Statewide angler totals do not equal regional sums because some anglers fished in more than one region.

^a Arctic Yukon-Kuskokwim.

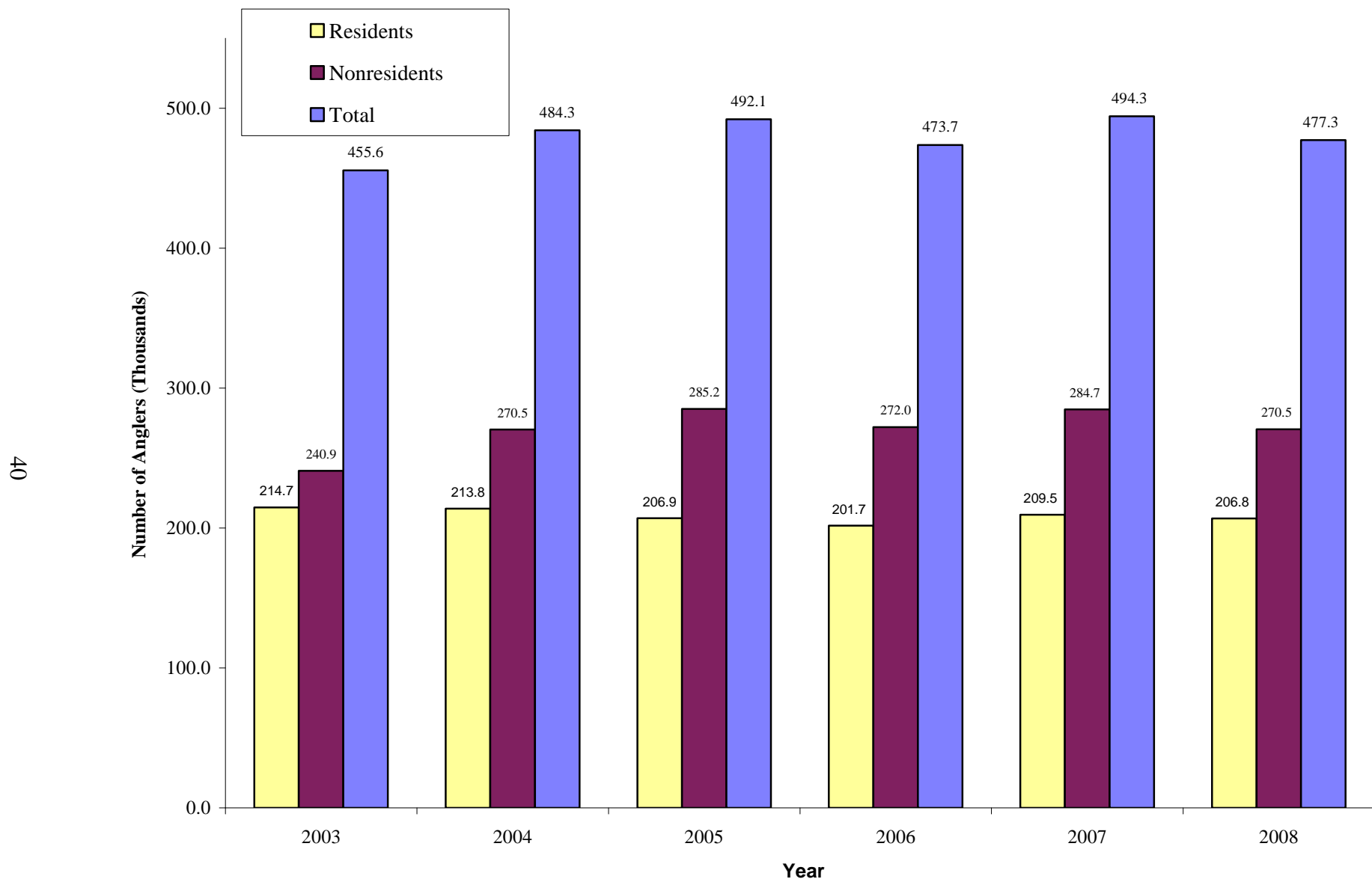


Figure 2.2.—Estimated number of anglers who sport fished in Alaska by area of residence, 2003-2008.

Table 2.7.—Estimated number of anglers who sport fished in Alaska by area of residence, 1998-2008.

Residence	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Alaska Residents ^a											
Southeast Alaska	26,780	28,918	29,123	27,664	23,397	25,690	26,489	25,987	24,949	23,679	23,550
North Gulf Coast/Prince William Sound	4,019	3,786	3,434	5,494	4,907	5,850	4,800	5,146	4,329	5,681	5,600
Kenai Peninsula	25,436	22,182	25,950	23,651	24,399	23,771	22,688	23,186	22,600	25,970	23,876
Cook Inlet area other than Kenai Peninsula ^b	101,646	99,001	103,010	102,996	104,732	112,095	110,938	105,317	108,016	109,937	114,179
Kodiak and Afognak Islands	7,321	5,986	6,605	4,978	4,993	5,791	6,364	6,356	5,547	5,032	5,516
Bristol Bay and Aleutian Islands	2,200	2,446	2,781	2,357	2,394	2,499	2,592	2,423	2,685	2,805	1,625
Upper Copper River valley	1,613	1,641	1,811	1,556	1,306	1,558	1,077	1,387	724	1,795	1,354
Arctic-Yukon-Kuskokwim	34,939	35,736	30,265	28,904	30,017	33,057	34,375	31,128	30,187	31,312	28,011
Unknown Alaska	6,410	4,179	2,631	4,517	0	4,347	4,490	5,982	2,661	3,307	3,087
Total Residents ^c	210,364	203,875	205,611	202,118	196,145	214,658	213,813	206,912	201,698	209,518	206,798
Nonresidents											
Other United States	205,040	207,698	212,140	216,409	208,629	226,317	254,012	268,828	257,189	269,073	253,521
Foreign	13,587	14,406	14,540	13,602	17,418	14,619	16,442	16,346	14,776	15,670	16,962
Total Nonresidents ^d	218,627	222,104	226,680	230,011	226,047	240,936	270,453	285,174	271,965	284,743	270,483
Total ^d	428,991	425,979	432,291	432,129	422,192	455,594	484,266	492,086	473,663	494,261	477,281

^a Residents in the Alaska Statewide Harvest Survey are defined as anglers qualifying for an Alaska resident sport license during the survey period. Nonresidents include other United States, Canadian and other foreign residents who did not qualify as residents of Alaska during the survey period.

^b Including Matanuska, Susitna and Knik river valleys, the greater Anchorage area, Turnagain Arm and west side Cook Inlet communities. Does not include Seward (see North Gulf Coast/Prince William Sound).

^c Includes communities within the Tanana River drainage.

^d Totals may not equal sum of sites, because individual site estimates and totals are rounded independently.

Table 2.8.—Estimated number of anglers by Alaska region and area fished, 1998-2008.

Area Fished	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Southeast											
Ketchikan	22,441	26,647	26,808	26,155	29,924	27,218	34,193	34,512	31,142	32,085	30,304
Prince of Wales	12,667	15,397	15,251	14,201	15,782	15,361	15,710	17,804	16,256	17,678	17,693
Kake, Petersburg, Wrangell, Stikine	8,623	9,536	8,867	8,328	7,813	7,794	10,258	8,843	9,422	9,174	9,761
Sitka ^a	30,096	27,961	22,591	25,057	22,288	24,002	25,734	25,931	27,583	28,610	28,483
Juneau	26,487	28,405	27,252	27,971	24,252	26,375	29,452	29,380	26,395	25,956	24,497
Haines-Skagway	6,682	6,979	7,805	9,063	8,856	9,021	9,373	8,196	7,613	7,301	6,622
Glacier Bay ^a	5,188	6,103	8,391	8,630	7,738	8,203	10,008	11,128	11,367	14,107	13,060
Yakutat	6,118	6,901	5,591	4,630	3,798	6,790	6,614	7,374	7,304	7,979	7,171
Total ^b	106,625	115,763	111,255	113,922	108,743	114,337	129,796	132,390	128,459	133,564	129,307
Southcentral											
North Gulf Coast/Prince William Sound ^c	40,525	36,646	42,464	82,327	79,523	93,272	96,977	103,149	93,546	103,373	92,790
Knik Arm	29,377	30,609	32,953	34,140	34,001	33,601	32,073	31,574	34,040	32,057	34,810
Anchorage	31,278	28,557	32,536	34,005	26,433	27,325	24,024	26,486	26,156	23,910	25,738
Susitna River drainage ^d	38,827	40,661	43,211	40,083	40,574	37,477	56,143	50,695	50,775	49,839	45,048
West Cook Inlet drainages ^{d,e}	27,025	28,323	33,474	28,370	26,319	29,031	9,672	9,282	9,258	10,256	10,315
Kenai Peninsula ^c	196,258	183,056	198,967	173,338	178,306	188,852	198,639	201,677	190,390	198,255	188,719
Kodiak	16,175	15,565	16,878	13,240	14,676	15,859	17,598	17,821	17,413	18,555	17,530
Naknek River-Alaska Peninsula	8,974	8,329	8,316	7,421	8,220	7,628	7,436	7,205	8,250	8,076	8,428
Kvichak River drainage	8,061	7,194	6,908	5,817	4,879	5,284	6,081	6,097	6,761	6,556	7,394
Nushagak, Wood River, and Togiak	8,270	7,918	8,093	8,132	6,133	7,275	7,539	7,801	7,488	8,575	7,914
Total ^{b,d}	298,513	286,098	304,235	303,986	298,119	323,692	338,217	342,580	329,534	343,645	329,619
Arctic-Yukon-Kuskokwim											
Upper Copper River drainage ^d	26,044	21,814	18,250	15,572	15,646	17,437	12,672	13,330	11,596	13,946	13,617
Tanana River drainage	31,129	30,833	25,200	21,546	21,801	24,999	24,987	23,166	20,570	22,263	20,287
Kuskokwim River and Bay drainages	5,721	5,219	3,765	3,737	3,626	4,336	4,278	3,931	3,608	3,575	4,231
Seward Peninsula-Norton Sound	3,206	3,124	2,700	2,371	2,743	2,187	2,432	3,013	2,279	2,384	2,569
Northwest Alaska	1,089	1,313	1,372	1,177	1,064	1,156	1,079	901	1,127	942	1,036
Yukon River drainage	3,841	4,285	3,322	3,176	2,799	3,524	3,255	2,817	3,152	3,282	2,551
North Slope-Brooks Range	1,300	1,044	1,250	865	1,165	834	747	1,469	833	907	1,255
Total ^{b,d}	62,989	59,406	49,262	43,095	43,812	48,612	44,449	43,626	38,953	42,663	42,492
Alaska Total ^b	428,991	425,979	432,291	432,129	422,192	455,594	484,266	492,086	473,663	494,261	477,281

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b Statewide and regional angler totals do not equal regional or area sums because some anglers fished in more than one area and in more than one region.

^c In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^d In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the Upper, East and West Susitna River drainages, formerly divided between Upper Copper/Upper Susitna River area (I), East Side Susitna River drainage Area (M), and West Side Cook Inlet-West Side Susitna drainage Area (N).

^e In 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula-Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.9.—Estimated number of sport fishing trips by region and area, 1998-2008.

Area fished	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Southeast											
Ketchikan	37,199	51,867	58,944	51,440	52,221	45,582	63,637	62,126	47,238	49,652	56,224
Prince of Wales	34,857	45,661	42,344	36,025	39,311	41,021	40,796	45,071	43,058	48,086	49,599
Kake, Petersburg, Wrangell, Stikine	22,294	31,677	31,275	25,958	25,562	24,934	28,654	25,860	32,204	28,198	30,917
Sitka ^a	49,263	60,957	54,245	53,805	41,579	45,002	48,963	55,561	54,544	54,725	57,132
Juneau	71,969	86,850	83,005	80,776	66,983	75,741	79,127	85,013	70,935	71,509	68,479
Haines-Skagway	12,144	16,818	18,221	21,992	21,560	18,640	23,894	23,846	21,159	13,713	15,477
Glacier Bay ^a	8,966	12,479	23,612	21,404	16,946	18,672	19,695	27,150	25,901	30,499	21,961
Yakutat	13,591	17,153	16,088	11,508	10,474	21,318	17,708	24,361	22,219	24,934	21,345
Total	250,283	323,462	327,734	302,908	274,636	290,910	322,474	348,988	317,258	321,316	321,134
Southcentral											
North Gulf Coast/Prince William Sound ^b	53,715	62,481	73,799	120,268	115,748	134,148	146,548	148,048	138,839	174,775	147,934
Knik Arm	58,386	69,639	78,758	69,080	76,481	69,088	72,697	77,350	80,031	83,191	88,970
Anchorage	104,585	105,057	121,440	101,308	79,706	73,727	72,241	73,891	77,328	66,284	83,287
Susitna River drainage ^c	60,433	75,869	84,185	71,560	67,993	65,408	102,067	99,685	92,864	100,802	87,415
West Cook Inlet ^d	31,332	46,295	62,712	46,151	43,572	45,777	11,095	13,122	9,679	12,893	10,512
Kenai Peninsula-Cook Inlet ^{bd}	408,010	490,118	558,985	421,259	438,458	435,716	474,449	511,297	462,378	502,302	484,538
Kodiak	56,699	63,610	72,516	43,718	47,603	55,066	55,779	69,951	58,994	65,482	67,726
Naknek River-Alaska Peninsula	22,706	30,275	33,688	21,704	24,452	20,082	29,537	21,564	22,245	28,333	24,915
Kvichak River drainage	14,046	18,319	16,731	14,446	11,722	13,330	12,836	12,153	15,088	14,152	16,354
Nushagak, Wood River, and Togiak	17,036	15,172	16,760	20,168	15,104	15,542	21,496	24,075	19,093	21,430	16,010
Total	826,948	976,835	1,119,574	929,662	920,839	927,884	998,745	1,051,136	976,539	1,069,644	1,027,661
Arctic-Yukon-Kuskokwim											
Upper Copper River drainage	30,528	36,780	30,780	25,432	22,962	25,707	19,914	19,279	17,844	21,355	20,307
Tanana River drainage	81,335	94,996	76,787	57,697	62,945	64,418	68,584	57,846	49,555	59,364	45,901
Kuskokwim River and Bay drainages	13,695	7,102	6,394	4,851	6,866	7,999	9,150	7,789	8,357	8,135	7,001
Seward Peninsula-Norton Sound	8,171	8,171	9,331	5,605	9,956	6,393	7,273	11,768	9,849	9,009	12,699
Northwest Alaska	1,677	2,431	3,673	2,194	2,801	3,145	2,578	1,451	3,432	2,690	1,498
Yukon River drainage	5,114	5,511	5,347	3,935	8,226	4,102	5,041	4,721	6,293	4,802	4,677
North Slope-Brooks Range	2,068	3,344	2,232	3,817	3,262	1,756	1,970	2,085	2,314	2,975	2,494
Total	142,588	158,335	134,544	103,531	117,018	113,520	114,510	104,939	97,644	108,330	94,577
Alaska Total	1,219,819	1,458,632	1,581,852	1,336,101	1,312,493	1,332,314	1,435,729	1,505,063	1,391,441	1,499,290	1,443,372

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

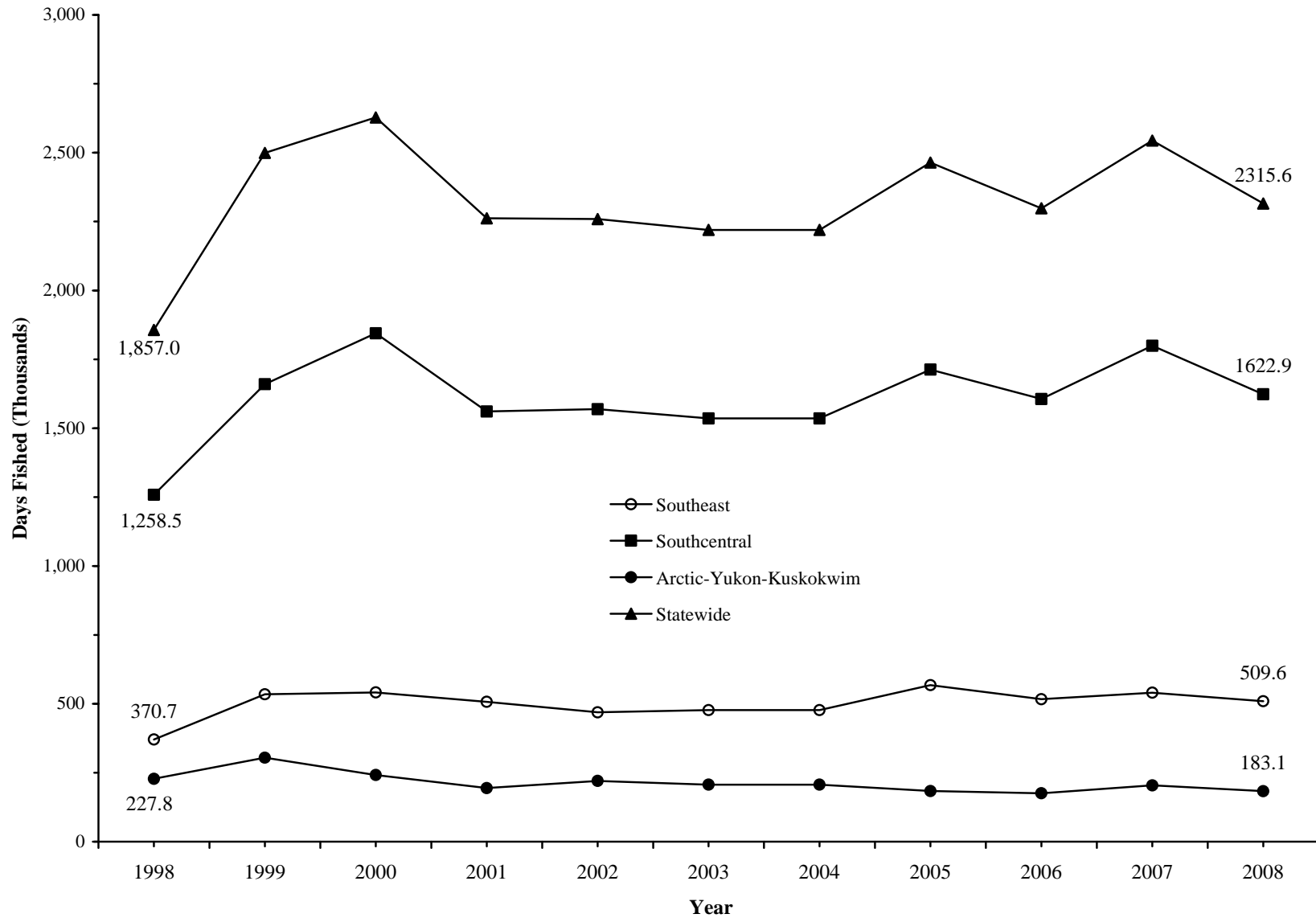


Figure 2.3.—Estimated angler-days fished in Alaska, statewide and by region, 1998-2008.

Table 2.10.—Estimated number of angler-days fished in Alaska by region and area, 1998-2008.

Area Fished	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Southeast											
Ketchikan	55,938	88,496	95,943	80,918	91,018	76,050	103,533	97,521	79,440	85,045	88,425
Prince of Wales	48,634	75,857	68,728	65,559	68,264	75,820	73,060	82,095	74,269	80,202	83,134
Kake, Petersburg, Wrangell, Stikine	32,637	51,185	53,300	41,699	45,236	36,442	47,719	39,847	49,520	46,766	49,272
Sitka ^a	77,434	105,157	90,891	92,390	67,756	69,843	81,631	88,490	89,297	92,348	86,344
Juneau	97,209	130,375	128,481	124,846	108,680	116,070	125,803	135,712	104,906	113,237	104,447
Haines-Skagway	19,413	27,300	32,480	36,200	37,650	33,649	42,518	36,383	33,335	24,688	23,476
Glacier Bay ^a	14,258	22,907	41,375	42,466	31,679	34,224	39,750	49,813	42,434	52,638	40,151
Yakutat	25,130	33,387	30,209	23,163	19,019	35,094	33,235	37,923	43,634	45,366	34,348
Total	370,653	534,664	541,407	507,241	469,302	477,192	547,249	567,784	516,835	540,290	509,597
Southcentral											
North Gulf Coast/Prince William Sound ^b	92,503	122,447	134,288	218,895	214,464	241,527	280,213	265,673	251,048	318,595	262,336
Knik Arm	78,218	112,642	121,601	111,027	126,194	103,978	113,528	115,763	119,795	120,681	136,572
Anchorage	125,513	146,789	167,499	135,359	111,694	104,004	101,943	101,041	103,800	91,881	111,121
Susitna River drainage ^c	89,014	133,310	141,609	121,039	116,254	112,061	187,300	169,556	172,717	174,049	148,738
West Cook Inlet ^d	57,531	91,964	111,591	91,729	82,465	85,228	17,809	20,459	15,771	19,705	16,627
Kenai Peninsula-Cook Inlet ^{bd}	638,161	818,865	916,426	694,671	727,420	700,305	789,609	813,978	732,675	837,812	741,636
Kodiak	78,688	110,767	121,407	77,421	88,224	88,837	94,138	115,728	95,224	111,210	102,039
Naknek River-Alaska Peninsula	34,748	51,291	55,510	36,889	43,618	34,371	52,842	34,882	38,354	48,185	39,738
Kvichak River drainage	28,042	35,259	31,381	30,013	26,562	24,203	26,278	26,452	32,209	33,684	29,475
Nushagak, Wood River, and Togiak	36,064	36,632	43,512	43,519	32,618	40,987	46,011	49,078	44,259	43,550	34,638
Total	1,258,482	1,659,966	1,844,824	1,560,562	1,569,513	1,535,501	1,709,671	1,712,610	1,605,852	1,799,352	1,622,920
Arctic-Yukon-Kuskokwim											
Upper Copper River drainage	56,706	77,619	58,194	48,879	46,613	52,051	39,702	37,188	33,964	44,628	39,899
Tanana River drainage	112,025	160,427	121,785	91,135	108,462	99,934	116,486	93,398	79,677	100,956	72,335
Kuskokwim River and Bay drainages	27,913	26,563	20,030	20,673	20,645	24,369	25,406	19,447	22,389	21,206	25,862
Seward Peninsula-Norton Sound	13,616	15,006	18,443	10,955	18,325	12,403	13,323	17,067	17,572	16,667	21,995
Northwest Alaska	3,801	6,771	7,056	5,904	6,417	6,121	5,704	3,118	6,786	5,027	4,421
Yukon River drainage	10,127	12,906	11,327	10,560	15,044	9,117	13,109	8,965	11,423	11,394	12,973
North Slope-Brooks Range	3,653	5,230	4,739	6,032	4,770	2,710	3,311	4,352	3,463	4,154	5,599
Total	227,841	304,522	241,574	194,138	220,276	206,705	217,041	183,535	175,274	204,032	183,084
Alaska Total	1,856,976	2,499,152	2,627,805	2,261,941	2,259,091	2,219,398	2,473,961	2,463,929	2,297,961	2,543,674	2,315,601

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.11.—Alaska sport fish harvest estimates by species, 1998-2008, and catch estimates by species, 2008.

Species	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
SALMON SPECIES:												
Sea-run Chinook	144,098	184,296	177,928	177,473	153,941	177,092	193,041	204,468	200,743	192,816	132,257	344,111
Sea-run coho	501,935	632,829	624,327	811,799	776,033	783,328	861,490	937,965	652,953	716,815	676,376	1,064,168
Landlocked coho/Chinook	34,767	29,105	40,392	33,432	38,468	18,168	25,267	17,214	9,964	9,578	10,433	26,640
Sockeye	339,385	377,483	428,092	354,061	393,343	447,492	444,703	437,120	352,265	487,126	410,087	698,775
Kokanee salmon	638	51	22	37	29	0	66	48	32	0	8	36
Pink	145,589	177,295	164,787	136,486	173,644	136,495	193,841	185,548	107,437	168,920	134,546	744,511
Chum	33,725	24,944	41,814	37,196	26,377	34,110	33,568	26,814	22,803	25,048	20,791	164,555
OTHER SPECIES:												
Steelhead	390	675	387	421	526	367	396	639	393	249	269	42,990
Rainbow Trout	102,403	132,481	144,873	81,279	117,063	84,531	85,136	60,826	53,086	50,231	49,159	748,590
Cutthroat Trout	5,569	5,053	5,313	6,856	4,092	5,132	4,975	3,634	3,405	1,903	2,909	25,915
Brook Trout	10	112	153	123	387	0	0	0	328	35	0	70
Lake Trout	5,985	9,948	6,292	4,995	7,109	7,084	7,934	7,312	3,103	3,711	4,145	21,627
Dolly Varden/Arctic Char	70,864	70,962	87,387	65,103	60,994	67,330	68,593	42,791	46,320	48,260	50,754	660,544
Arctic grayling	38,445	37,252	28,769	25,656	37,910	30,742	26,259	23,634	17,552	19,528	22,586	340,272
Northern pike	15,617	19,766	18,062	23,623	22,567	17,388	28,799	24,819	18,184	17,174	12,959	68,809
Whitefish	4,352	1,824	3,125	7,268	5,488	2,334	6,877	3,553	3,037	3,354	2,403	10,126
Burbot	6,882	6,903	9,809	3,744	9,119	6,099	5,704	6,035	4,377	5,410	4,618	6,893
Sheefish	815	1,157	2,037	1,930	1,211	2,851	3,345	2,949	1,576	1,715	797	2,557
Smelt	80,329	108,145	77,623	84,807	96,304	77,999	74,292	30,591	18,211	34,647	35,769	40,167
Pacific Halibut	350,464	332,657	403,280	365,539	350,809	402,862	482,550	500,048	462,855	584,764	516,480	875,420
Shark	609	516	454	585	438	958	502	1,583	867	1,122	917	53,000
Rockfish	87,458	120,228	131,658	116,818	120,398	118,316	180,143	183,733	173,159	197,545	226,385	397,119
Lingcod	25,312	30,565	34,817	26,757	20,255	21,521	30,920	37,521	35,124	41,521	36,607	101,514
Pacific Cod	5,252	3,471	4,605	3,389	2,562	3,821	3,535	27,950	15,864	20,234	24,777	63,744
Razor Clams	660,219	773,758	879,273	673,601	788,665	590,018	550,540	450,961	483,223	389,164	592,910	592,910
Other Fish	17,008	12,132	22,792	35,122	8,700	16,098	20,472	17,420	22,545	11,623	7,668	24,833
Total	2,678,120	3,093,608	3,338,071	3,078,100	3,216,432	3,052,136	3,332,948	3,235,176	2,709,406	3,032,493	2,976,610	7,119,896

Table 2.12.—Estimates of Alaska saltwater sport fish harvest by species, 1998-2008, and catch by species, 2008.

Species	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
SALMON SPECIES:												0
Sea-run Chinook	73,564	89,948	83,436	89,192	88,506	95,596	109,632	116,346	116,906	109,741	70,776	150,876
Sea-run coho	299,371	432,794	363,800	537,380	496,716	537,488	560,007	694,520	395,399	506,080	402,799	491,424
Landlocked coho/Chinook	0	0	0	0	0	0	0	0	0	0	0	0
Sockeye	21,995	28,387	25,363	24,687	24,373	28,524	23,536	27,134	20,502	32,050	29,357	38,872
Kokanee salmon	0	0	0	0	0	0	0	0	0	0	0	0
Pink	97,509	142,947	105,488	110,634	113,702	111,034	132,317	149,272	64,742	133,415	88,425	239,750
Chum	23,839	13,338	28,447	23,903	14,103	23,159	24,270	17,442	13,928	18,065	11,603	39,383
												0
OTHER SPECIES:												0
Steelhead	125	206	49	116	411	155	242	491	102	179	117	747
Rainbow Trout	0	0	0	0	0	0	0	0	0	0	0	0
Cutthroat Trout	1,107	733	857	1,447	863	1,259	1,718	660	766	285	267	1,775
Brook Trout	0	0	0	0	0	0	0	0	0	0	0	0
Lake Trout	0	0	0	0	0	0	0	0	0	0	0	0
Dolly Varden/Arctic Char	17,299	13,693	21,712	14,256	10,080	11,146	11,891	8,381	9,006	10,144	10,117	38,365
Arctic grayling	0	0	0	17	0	0	0	0	290	0	113	169
Northern pike	0	0	0	0	0	0	0	0	0	0	0	0
Whitefish	0	95	0	0	0	76	27	0	234	0	0	0
Burbot	0	0	0	0	0	0	0	0	0	0	0	0
Sheefish	121	14	531	249	24	1,774	982	0	203	65	61	61
Smelt	22,299	21,503	16,122	21,132	67,539	38,483	17,696	13,664	12,856	24,077	26,433	27,856
Pacific Halibut	350,464	332,657	403,280	365,539	350,809	402,862	482,550	500,048	462,855	584,764	516,480	875,420
Shark	609	516	454	585	438	958	502	1,583	867	1,122	917	53,000
Rockfish	87,458	120,228	131,658	116,818	120,398	118,316	180,143	183,733	173,159	197,545	226,385	397,119
Lingcod	25,312	30,565	34,817	26,757	20,255	21,521	30,920	37,521	35,124	41,521	36,607	101,514
Pacific Cod	5,252	3,471	4,605	3,389	2,562	3,821	3,535	27,950	15,864	20,234	24,777	63,744
Razor Clams	660,219	773,758	879,273	673,601	788,665	590,018	550,540	450,961	483,223	389,164	592,910	592,910
Other Fish	14,651	10,112	19,872	25,362	7,087	13,645	17,287	11,469	17,468	10,014	7,218	22,236
												0
Total	1,701,194	2,014,965	2,119,764	2,035,064	2,106,531	1,999,835	2,147,795	2,241,175	1,823,494	2,078,465	2,045,362	3,135,221

Table 2.13.—Alaska freshwater sport fish harvest estimates by species, 1998-2008, and catch estimates by species, 2008.

Species	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
SALMON SPECIES:												0
Sea-run Chinook	70,534	94,348	94,492	88,281	65,435	81,496	83,409	88,122	83,837	83,075	61,481	193,235
Sea-run coho	202,564	200,035	260,527	274,419	279,317	245,840	301,483	243,445	257,554	210,735	273,577	572,744
Landlocked coho/Chinook	34,767	29,105	40,392	33,432	38,468	18,168	25,267	17,214	9,964	9,578	10,433	26,640
Sockeye	317,390	349,096	402,729	329,374	368,970	418,968	421,167	409,986	331,763	455,076	380,730	659,903
Kokane salmon	638	51	22	37	29	0	66	48	32	0	8	36
Pink	48,080	34,348	59,299	25,852	59,942	25,461	61,524	36,276	42,695	35,505	46,121	504,761
Chum	9,886	11,606	13,367	13,293	12,274	10,951	9,298	9,372	8,875	6,983	9,188	125,172
												0
OTHER SPECIES:												0
Steelhead	265	469	338	305	115	212	154	148	291	70	152	42,243
Rainbow Trout	102,403	132,481	144,873	81,279	117,063	84,531	85,136	60,826	53,086	50,231	49,159	748,590
Cutthroat Trout	4,462	4,320	4,456	5,409	3,229	3,873	3,257	2,974	2,639	1,618	2,642	24,140
Brook Trout	10	112	153	123	387	0	0	0	328	35	0	70
Lake Trout	5,985	9,948	6,292	4,995	7,109	7,084	7,934	7,312	3,103	3,711	4,145	21,627
Dolly Varden/Arctic Char	53,565	57,269	65,675	50,847	50,914	56,184	56,702	34,410	37,314	38,116	40,637	622,179
Arctic grayling	38,445	37,252	28,769	25,639	37,910	30,742	26,259	23,634	17,262	19,528	22,473	340,103
Northern pike	15,617	19,766	18,062	23,623	22,567	17,388	28,799	24,819	18,184	17,174	12,959	68,809
Whitefish	4,352	1,729	3,125	7,268	5,488	2,258	6,850	3,553	2,803	3,354	2,403	10,126
Burbot	6,882	6,903	9,809	3,744	9,119	6,099	5,704	6,035	4,377	5,410	4,618	6,893
Sheefish	694	1,143	1,506	1,681	1,187	1,077	2,363	2,949	1,373	1,650	736	2,496
Smelt	58,030	86,642	61,501	63,675	28,765	39,516	56,596	16,927	5,355	10,570	9,336	12,311
Pacific Halibut	0	0	0	0	0	0	0	0	0	0	0	0
Shark	0	0	0	0	0	0	0	0	0	0	0	0
Rockfish	0	0	0	0	0	0	0	0	0	0	0	0
Lingcod	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Cod	0	0	0	0	0	0	0	0	0	0	0	0
Razor Clams	0	0	0	0	0	0	0	0	0	0	0	0
Other Fish	2,357	2,020	2,920	9,760	1,613	2,453	3,185	5,951	5,077	1,609	450	2,597
												0
Total	976,926	1,078,643	1,218,307	1,043,036	1,109,901	1,052,301	1,185,153	994,001	885,912	954,028	931,248	3,984,675

Table 2.14.—Southeast Alaska sport fish harvest estimates by species, 1998-2008, and catch estimates by species, 2008.

Species	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
SALMON SPECIES:												
Sea-run Chinook	55,013	72,081	63,173	72,291	69,537	69,370	80,572	86,575	85,794	82,848	49,265	126,440
Sea-run coho	171,395	313,076	192,951	321,106	277,150	322,882	330,651	409,303	209,577	261,445	230,708	311,350
Landlocked coho/Chinook	249	2,111	544	1,488	484	1,254	76	536	898	764	404	2,099
Sockeye	25,450	26,476	25,891	19,841	16,840	27,076	20,492	16,501	20,828	17,421	14,144	25,576
Kokanee salmon	223	51	22	37	29	0	66	48	32	0	8	36
Pink	50,706	107,142	60,050	75,193	81,182	74,196	99,543	104,331	38,990	89,832	55,684	178,336
Chum	21,256	12,393	23,836	21,357	13,109	21,114	21,484	15,710	10,639	18,169	8,834	36,254
OTHER SPECIES:												
Steelhead	119	319	180	258	94	149	169	143	198	113	116	26,321
Rainbow Trout	2,542	2,196	3,029	1,298	1,589	1,119	732	1,159	639	1,182	1,029	12,502
Cutthroat Trout	4,852	4,604	4,958	6,391	3,851	4,070	4,708	3,067	3,194	1,627	2,620	24,789
Brook Trout	10	112	153	123	387	0	0	0	328	35	0	70
Lake Trout	0	0	0	0	0	0	0	0	0	0	0	0
Dolly Varden/Arctic Char	21,751	16,441	25,952	16,258	15,720	20,707	16,781	11,602	12,756	8,622	14,746	103,709
Arctic grayling	58	228	10	26	14	0	0	193	0	13	0	46
Northern pike	0	0	0	26	0	0	0	181	0	0	0	7
Whitefish	0	0	0	0	15	0	0	48	0	0	0	0
Burbot	0	0	0	0	0	0	0	0	0	0	0	0
Sheefish	0	0	0	0	0	0	0	0	0	0	0	0
Smelt	3,868	4,479	2,469	3,599	1,396	7,280	3,542	3,410	798	5,082	3,379	4,270
Pacific Halibut	102,110	100,681	116,367	113,692	107,185	124,857	151,913	167,806	145,218	183,603	174,227	267,703
Shark ^a								576	149	349	231	28,106
Rockfish	44,142	71,489	69,149	57,578	49,749	55,394	87,663	89,990	85,485	94,538	118,997	206,114
Lingcod	18,041	22,252	22,608	16,424	9,597	10,656	16,064	22,087	18,497	14,085	11,899	45,491
Pacific Cod ^a								13,019	9,165	9,267	9,553	16,013
Razor Clams	126	0	9	65	0	0	0	201	2,523	874	1,738	1,738
Other Fish	6,108	3,940	5,291	2,413	2,215	5,428	7,960	5,527	13,977	5,046	4,165	10,744
Total	528,019	760,071	616,642	729,464	650,143	745,552	842,416	952,013	659,685	794,915	701,747	1,427,714

^a Estimates were not generated for this species prior to 2005.

Table 2.15.—Southcentral Alaska sport fish harvest estimates by species, 1998-2008, and catch estimates by species, 2008.

Species	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
SALMON SPECIES:												
Sea-run Chinook	76,195	102,360	106,883	97,881	76,609	98,287	105,789	111,664	109,055	101,059	77,334	197,108
Sea-run coho	321,029	309,564	419,835	480,048	488,911	450,231	516,183	514,473	425,981	444,032	426,916	676,025
Landlocked coho/Chinook	22,427	18,125	22,467	21,465	20,009	10,183	16,732	13,500	6,525	4,525	4,677	14,948
Sockeye	301,044	338,741	388,973	325,590	368,472	412,365	416,752	411,382	316,254	445,748	383,143	645,904
Kokanee salmon	415	0	0	0	0	0	0	0	0	0	0	0
Pink	87,711	67,102	101,189	60,922	87,950	59,895	85,465	78,124	62,740	77,457	70,328	504,833
Chum	10,593	10,873	14,893	12,201	10,862	10,486	11,057	9,625	8,332	5,472	7,989	95,171
OTHER SPECIES:												
Steelhead	271	348	207	163	432	218	227	496	195	136	153	16,608
Rainbow Trout	55,864	77,707	89,171	57,629	73,542	53,155	56,082	39,790	33,119	30,361	36,334	629,654
Cutthroat Trout	717	449	355	465	241	1,062	267	567	211	276	289	1,126
Brook Trout	0	0	0	0	0	0	0	0	0	0	0	0
Lake Trout	3,328	5,817	3,118	3,092	3,747	3,983	5,690	4,572	1,832	2,451	3,089	14,305
Dolly Varden/Arctic Char	37,608	36,606	43,761	35,343	29,755	30,866	37,059	21,647	23,102	29,343	26,024	437,714
Arctic grayling	7,776	8,749	6,621	7,022	6,929	5,987	7,291	3,697	4,730	5,011	6,251	102,547
Northern pike	9,595	13,327	12,019	16,673	14,862	11,282	17,122	13,802	13,261	11,062	9,270	43,530
Whitefish	1,474	277	524	1,988	1,053	661	1,031	1,558	746	1,020	1,176	5,379
Burbot	1,578	1,373	2,552	740	1,467	1,378	1,248	1,624	1,351	1,290	2,458	4,117
Sheefish	0	0	0	0	0	0	0	0	0	0	0	0
Smelt	73,128	100,620	72,505	80,084	94,434	70,719	68,330	27,181	17,063	26,420	32,086	34,970
Pacific Halibut	247,316	231,708	286,366	251,847	243,624	277,924	330,609	332,114	317,637	401,161	342,253	607,717
Shark	609	516	454	585	438	958	502	1,007	718	773	686	24,894
Rockfish	43,316	48,739	62,509	59,240	70,649	62,922	92,480	93,743	87,674	103,007	107,388	191,005
Lingcod	7,271	8,313	12,209	10,333	10,658	10,865	14,856	15,434	16,627	27,436	24,708	56,023
Pacific Cod	5,252	3,471	4,605	3,389	2,562	3,821	3,535	14,931	6,699	10,967	15,224	47,731
Razor Clams	660,093	773,758	879,264	673,536	788,665	590,018	550,540	450,760	480,700	388,290	588,098	588,098
Other Fish	9,720	5,319	16,805	28,603	5,955	10,289	11,393	11,516	8,318	5,915	3,280	13,360
Total	1,984,330	2,163,862	2,547,285	2,228,839	2,401,826	2,177,555	2,350,240	2,173,207	1,942,870	2,123,212	2,169,154	4,952,767

Table 2.16.—Arctic-Yukon-Kuskokwim Alaska sport fish harvest estimates by species, 1998-2008, and catch estimates by species, 2008.

Species	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
SALMON SPECIES:												
Sea-run Chinook	12,890	9,855	7,872	7,301	7,795	9,435	6,680	6,229	5,894	8,909	5,658	20,563
Sea-run coho	9,511	10,189	11,541	10,645	9,972	10,215	14,656	14,189	17,395	11,338	18,752	76,793
Landlocked coho/Chinook	12,091	8,869	17,381	10,479	17,975	6,731	8,459	3,178	2,541	4,289	5,352	9,593
Sockeye	12,891	12,266	13,228	8,630	8,031	8,051	7,459	9,237	15,183	23,957	12,800	27,295
Kokanee salmon	0	0	0	0	0	0	0	0	0	0	0	0
Pink	7,172	3,051	3,548	371	4,512	2,404	8,833	3,093	5,707	1,631	8,534	61,342
Chum	1,876	1,678	3,085	3,638	2,406	2,510	1,027	1,479	3,832	1,407	3,968	33,130
OTHER SPECIES:												
Steelhead	0	8	0	0	0	0	0	0	0	0	0	61
Rainbow Trout	43,997	52,578	52,673	22,352	41,932	30,257	28,322	19,877	19,328	18,688	11,796	106,434
Cutthroat Trout	0	0	0	0	0	0	0	0	0	0	0	0
Brook Trout	0	0	0	0	0	0	0	0	0	0	0	0
Lake Trout	2,657	4,131	3,174	1,903	3,362	3,101	2,244	2,740	1,271	1,260	1,056	7,322
Dolly Varden/Arctic Char	11,505	17,915	17,674	13,502	15,519	15,757	14,753	9,542	10,462	10,295	9,984	119,121
Arctic grayling	30,611	28,275	22,138	18,608	30,967	24,755	18,968	19,744	12,822	14,504	16,335	237,679
Northern pike	6,022	6,439	6,043	6,924	7,705	6,106	11,677	10,836	4,923	6,112	3,689	25,272
Whitefish	2,878	1,547	2,601	5,280	4,420	1,673	5,846	1,947	2,291	2,334	1,227	4,747
Burbot	5,304	5,530	7,257	3,004	7,652	4,721	4,456	4,411	3,026	4,120	2,160	2,776
Sheefish	815	1,157	2,037	1,930	1,211	2,851	3,345	2,949	1,576	1,715	797	2,557
Smelt	3,333	3,046	2,649	1,124	474	0	2,420	0	350	3,145	304	927
Pacific Halibut	1,038	268	547	0	0	81	28	128	0	0	0	0
Shark	0	0	0	0	0	0	0	0	0	0	0	0
Rockfish	0	0	0	0	0	0	0	0	0	0	0	0
Lingcod	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Cod	0	0	0	0	0	0	0	0	0	0	0	0
Razor Clams	0	0	0	0	0	0	0	0	0	0	3,074	3,074
Other Fish	1,180	2,873	696	4,106	530	381	1,119	377	250	662	223	729
Total	165,771	169,675	174,144	119,797	164,463	129,029	140,292	109,956	106,851	114,366	105,709	739,415

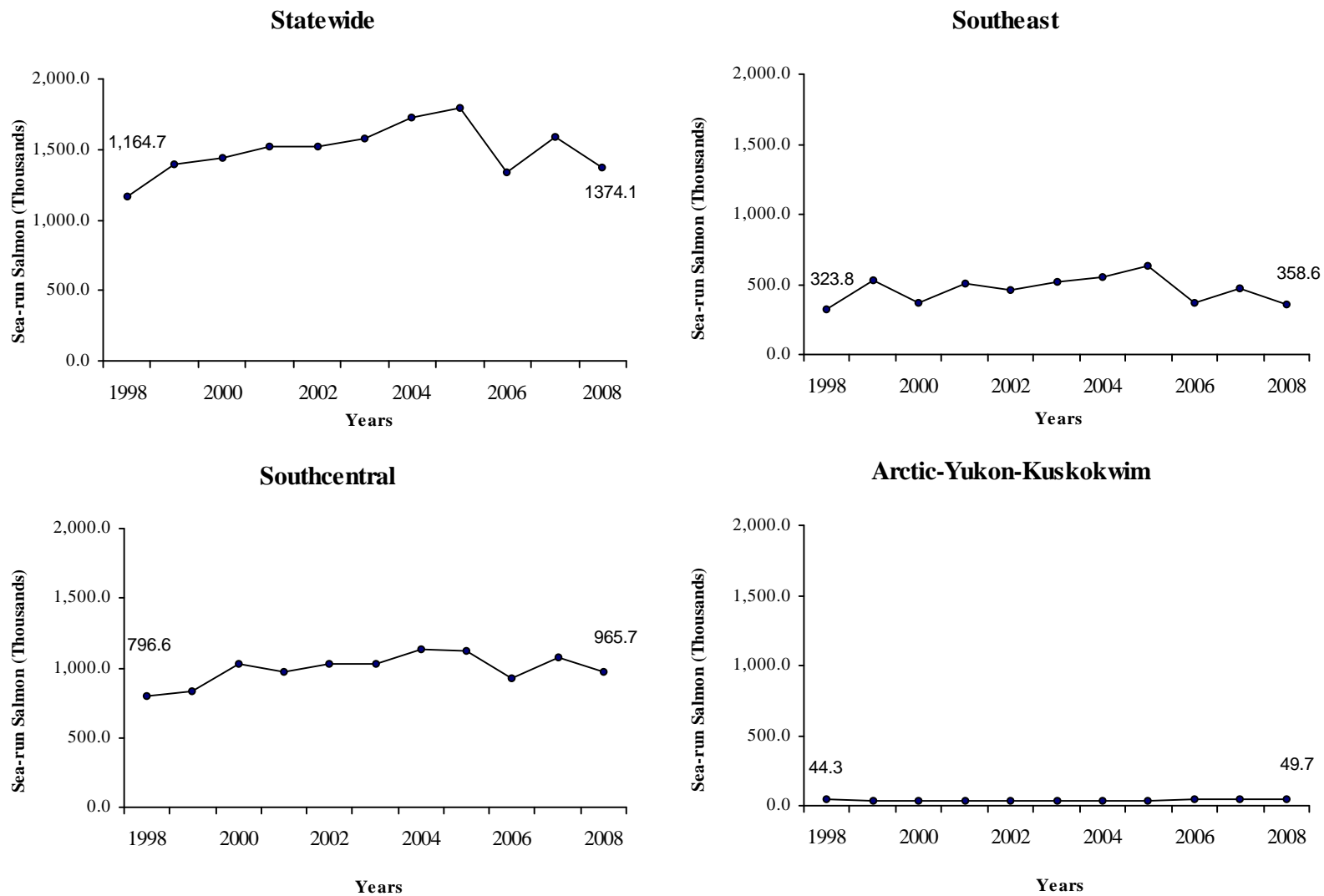


Figure 2.4.—Alaska sport sea-run salmon harvest estimates, 1998-2008, statewide and by region.

Table 2.17.—Alaska sport sea-run salmon harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest										Catch	
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	68,639	102,640	80,955	87,655	101,979	99,272	132,835	128,550	54,153	100,584	86,155	154,103
Prince of Wales	63,794	107,984	74,379	117,576	111,778	124,892	101,497	149,989	76,237	106,863	92,729	172,999
Kake, Petersburg, Wrangell, Stikine	9,816	29,305	15,758	22,351	20,481	20,306	23,763	25,808	17,686	19,993	14,714	23,598
Sitka ^a	90,921	125,974	68,451	117,502	68,994	101,736	111,611	140,321	92,072	116,177	75,426	125,831
Juneau	55,362	92,539	69,899	87,336	74,005	82,115	79,510	88,466	59,999	50,636	38,485	79,166
Haines-Skagway	4,193	7,994	8,587	12,684	18,158	11,996	18,502	14,347	8,851	8,997	4,613	16,481
Glacier Bay ^a	7,693	23,777	20,698	40,030	44,138	32,047	41,676	50,006	27,355	33,682	20,259	32,902
Yakutat	23,402	40,955	27,174	24,654	18,285	42,274	43,348	34,933	29,475	32,783	26,254	72,876
Total	323,820	531,168	365,901	509,788	457,818	514,638	552,742	632,420	365,828	469,715	358,635	677,956
Southcentral												
North Gulf Coast/Prince William Sound ^b	96,386	100,841	140,952	262,171	234,030	266,769	268,161	326,863	224,911	305,182	226,881	379,432
Knik Arm	32,723	21,668	45,099	38,248	54,413	34,927	45,669	35,169	49,866	39,740	46,458	72,604
Anchorage	49,364	19,120	36,942	47,292	30,651	19,909	18,471	20,854	25,706	17,345	23,181	69,344
Susitna River drainage ^c	47,256	50,603	70,792	53,727	48,454	35,318	77,606	70,781	78,914	59,691	63,693	195,321
West Cook Inlet ^d	39,752	53,046	67,617	62,603	47,500	61,433	20,538	17,235	18,039	22,358	20,924	36,798
Kenai Peninsula-Cook Inlet ^{bd}	428,804	478,012	550,981	411,919	513,048	507,234	570,964	530,869	410,611	496,808	455,681	912,250
Kodiak	50,478	58,216	69,125	55,990	70,105	60,959	73,323	74,917	61,305	76,984	68,633	170,383
Naknek River-Alaska Peninsula	16,271	19,222	20,618	20,169	18,272	20,733	27,851	16,883	20,350	24,101	24,361	80,555
Kvichak River drainage	19,815	16,487	12,510	8,158	6,036	6,691	12,942	12,723	12,106	9,119	13,576	75,594
Nushagak, Wood River, and Togiak	15,723	11,425	17,137	16,365	10,295	17,291	19,721	18,974	20,554	22,440	22,322	126,760
Total	796,572	828,640	1,031,773	976,642	1,032,804	1,031,264	1,135,246	1,125,268	922,362	1,073,768	965,710	2,119,041
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	19,718	17,867	18,216	13,165	13,243	13,102	10,030	12,300	17,776	28,122	15,106	24,796
Tanana River drainage	1,121	1,926	584	1,818	1,326	3,533	2,133	894	1,582	929	485	3,290
Kuskokwim River and Bay drainages	9,769	7,088	5,666	6,467	6,670	6,433	9,338	8,149	6,279	7,660	8,784	104,665
Seward Peninsula-Norton Sound	12,668	9,462	12,261	7,244	10,134	6,364	15,552	12,049	18,393	8,952	21,801	74,097
Northwest Alaska	190	424	729	1,700	633	727	196	106	2,832	706	2,684	4,797
Yukon River drainage	861	272	407	191	639	2,407	1,318	729	794	873	636	6,836
North Slope-Brooks Range	13	0	1,411	0	71	49	88	0	355	0	216	642
Total	44,340	37,039	39,274	30,585	32,716	32,615	38,655	34,227	48,011	47,242	49,712	219,123
Alaska Total	1,164,732	1,396,847	1,436,948	1,517,015	1,523,338	1,578,517	1,726,643	1,791,915	1,336,201	1,590,725	1,374,057	3,016,120

^a In 2000, Glacier Bay Area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

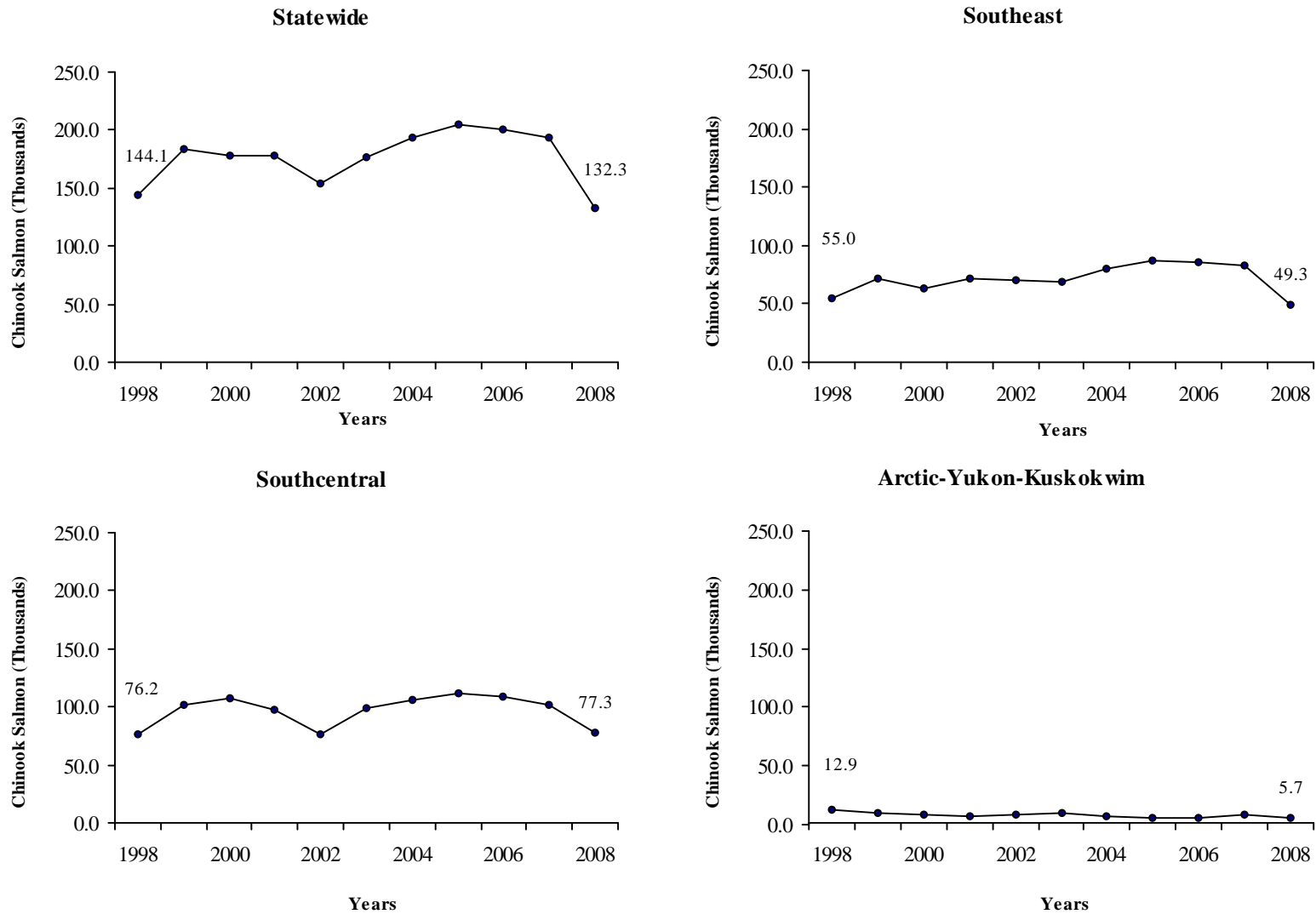


Figure 2.5.—Alaska sport sea-run Chinook salmon harvest estimates, 1997-2008, statewide and by region.

Table 2.18.—Alaska sport sea-run Chinook salmon harvest estimates, 1998-2008, and catch estimates 2008 by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	3,242	7,916	9,570	10,348	12,366	11,788	14,393	16,483	10,084	11,370	11,030	31,150
Prince of Wales	10,232	8,518	6,755	7,455	11,917	7,793	10,120	13,615	12,670	11,633	3,894	16,845
Kake, Petersburg, Wrangell, Stikine	3,692	9,502	8,926	9,962	8,542	7,465	7,958	8,988	10,972	10,797	5,669	10,742
Sitka ^a	24,547	28,548	18,888	24,205	17,994	21,727	26,443	26,698	34,751	30,879	15,337	37,318
Juneau	8,778	11,574	12,126	15,215	13,364	13,679	14,756	14,948	11,163	10,372	10,524	20,720
Haines-Skagway	691	1,168	1,342	1,252	1,550	2,117	1,895	1,359	1,302	1,300	450	4,130
Glacier Bay ^a	1,314	2,095	3,217	2,711	2,838	3,325	3,601	3,343	3,488	5,363	1,671	3,879
Yakutat	2,517	2,760	2,349	1,143	966	1,476	1,406	1,141	1,364	1,134	690	1,656
Total	55,013	72,081	63,173	72,291	69,537	69,370	80,572	86,575	85,794	82,848	49,265	126,440
Southcentral												
North Gulf Coast/Prince William Sound ^b	1,622	1,763	2,383	4,844	5,112	6,372	5,553	6,059	7,931	6,438	5,650	9,435
Knik Arm	2,031	2,724	2,825	2,255	3,195	2,562	2,556	3,692	3,813	4,326	2,843	4,989
Anchorage	2,156	5,462	4,751	4,452	2,421	3,678	3,160	4,329	3,165	3,106	2,647	5,464
Susitna River drainage ^c	10,472	16,875	11,773	13,504	10,695	9,499	24,192	24,632	24,864	20,341	13,426	36,244
West Cook Inlet ^d	10,526	13,744	18,776	14,702	12,612	16,231	795	592	1,038	1,380	437	1,662
Kenai Peninsula-Cook Inlet ^{bd}	32,063	45,825	46,405	38,611	29,889	40,228	44,107	48,870	42,633	39,017	31,959	66,480
Kodiak	4,052	6,791	9,624	7,649	5,674	9,031	11,263	9,298	11,821	11,251	9,466	12,645
Naknek River-Alaska Peninsula	4,364	3,203	2,927	4,028	2,528	3,105	4,263	3,215	3,682	2,538	2,134	7,581
Kvichak River drainage	2,054	676	688	592	421	577	1,293	1,440	1,132	1,075	1,072	3,469
Nushagak, Wood River, and Togiak	6,855	5,297	6,731	7,244	4,062	7,004	8,607	9,537	8,976	11,587	7,700	49,139
Total	76,195	102,360	106,883	97,881	76,609	98,287	105,789	111,664	109,055	101,059	77,334	197,108
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	8,245	6,742	5,531	4,904	5,098	5,717	3,435	4,093	3,425	5,113	3,618	7,827
Tanana River drainage	447	1,001	177	667	478	2,153	1,319	483	638	549	254	915
Kuskokwim River and Bay drainages	3,401	1,440	1,181	1,384	1,397	734	1,197	1,092	1,277	2,543	1,037	10,313
Seward Peninsula-Norton Sound	590	630	878	334	802	239	535	561	427	277	580	796
Northwest Alaska	0	20	6	0	12	26	0	0	0	16	14	27
Yukon River drainage	207	22	99	12	8	566	194	0	101	411	155	685
North Slope-Brooks Range	0	0	0	0	0	0	0	0	26	0	0	0
Total	12,890	9,855	7,872	7,301	7,795	9,435	6,680	6,229	5,894	8,909	5,658	20,563
Alaska Total	144,098	184,296	177,928	177,473	153,941	177,092	193,041	204,468	200,743	192,816	132,257	344,111

^a In 2000, Glacier Bay Area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

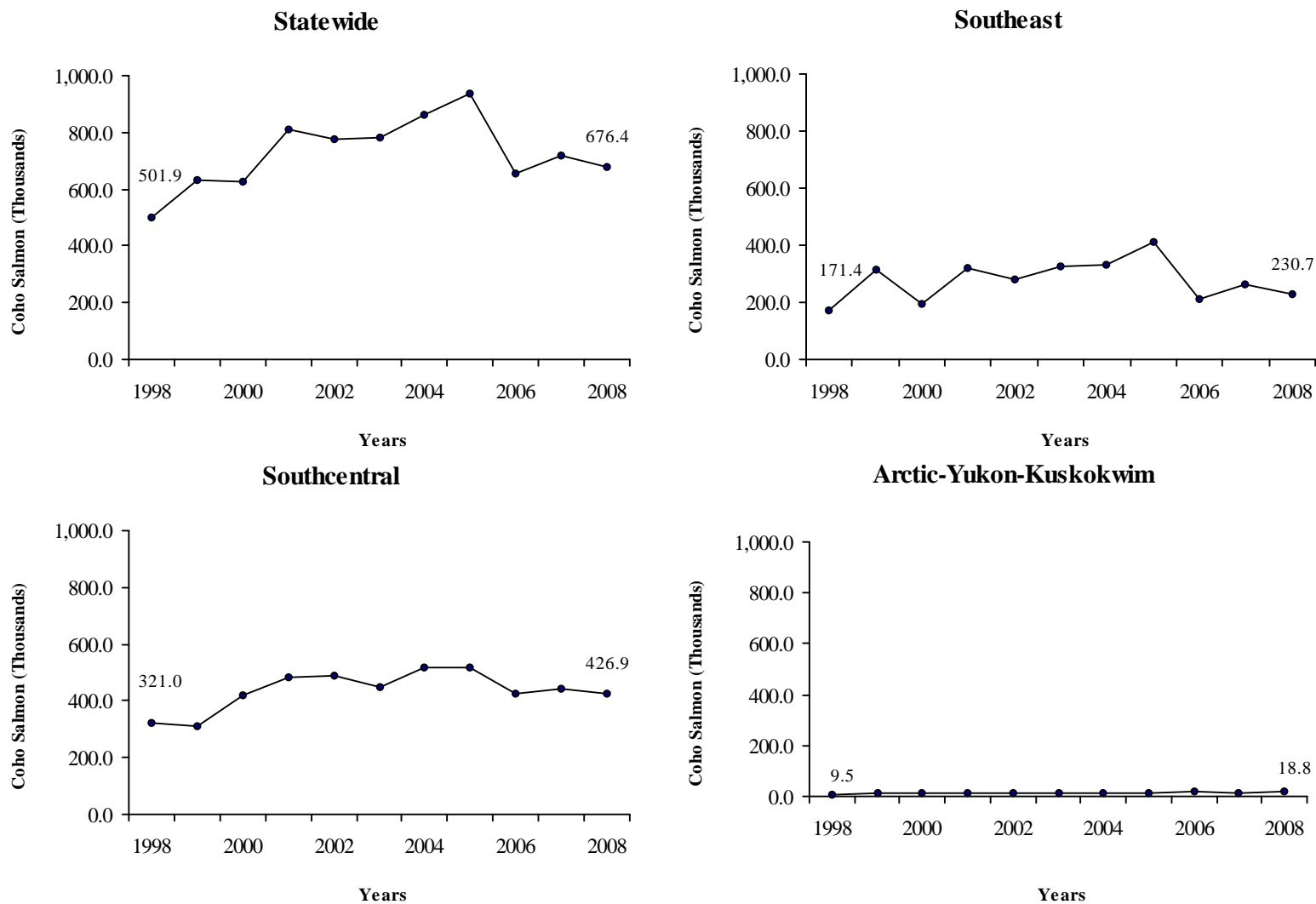


Figure 2.6.—Alaska sport sea-run coho salmon harvest estimates, 1998-2008, statewide and by region.

Table 2.19.—Alaska sport sea-run coho salmon harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	31,895	53,000	33,033	47,303	56,126	51,602	64,294	72,700	31,813	47,067	47,464	61,293
Prince of Wales	41,190	76,552	49,077	87,553	74,834	94,838	74,586	114,871	48,886	69,223	71,872	90,637
Kake, Petersburg, Wrangell, Stikine	3,282	12,763	3,847	6,916	9,268	9,348	11,894	12,645	4,578	6,043	7,043	9,082
Sitka ^a	51,468	76,246	39,506	83,514	40,205	68,507	70,090	98,161	49,283	71,913	53,401	59,947
Juneau	28,663	51,297	39,254	49,296	48,480	49,658	47,088	56,435	39,193	28,408	18,578	24,499
Haines-Skagway	992	2,578	2,435	4,194	6,361	4,031	5,253	2,646	3,465	2,478	1,637	2,696
Glacier Bay ^a	3,781	11,990	13,271	26,918	30,992	20,648	26,996	29,695	16,845	17,381	13,039	15,600
Yakutat	10,124	28,650	12,528	15,412	10,884	24,250	30,450	22,150	15,514	18,932	17,674	47,596
Total	171,395	313,076	192,951	321,106	277,150	322,882	330,651	409,303	209,577	261,445	230,708	311,350
Southcentral												
North Gulf Coast/Prince William Sound ^b	47,973	53,089	87,467	207,563	186,733	210,185	211,977	259,172	181,690	237,486	175,016	229,544
Knik Arm	23,750	14,429	32,530	30,106	44,448	24,583	34,298	27,000	39,953	27,733	35,996	50,585
Anchorage	42,219	12,266	28,191	40,693	26,260	13,375	13,447	15,063	19,863	10,692	17,996	26,124
Susitna River drainage ^c	23,086	23,292	37,748	26,617	27,183	18,585	38,269	36,223	45,738	30,261	41,708	74,526
West Cook Inlet ^d	21,912	29,650	36,459	36,237	29,316	30,760	16,179	12,572	11,940	12,580	14,673	22,100
Kenai Peninsula-Cook Inlet ^{bd}	128,249	137,132	153,464	95,023	123,318	101,999	132,339	105,168	77,105	72,334	84,285	125,915
Kodiak	24,850	27,781	30,975	28,653	37,429	31,976	46,101	42,951	32,190	35,489	32,067	56,643
Naknek River-Alaska Peninsula	5,908	8,678	7,293	9,178	9,418	12,190	13,665	9,164	9,277	9,945	12,133	30,530
Kvichak River drainage	413	1,049	1,141	1,835	1,310	1,430	3,082	2,132	2,273	1,316	2,547	10,161
Nushagak, Wood River, and Togiak	2,669	2,198	4,567	4,143	3,496	5,148	6,826	5,028	5,952	6,196	10,495	49,897
Total	321,029	309,564	419,835	480,048	488,911	450,231	516,183	514,473	425,981	444,032	426,916	676,025
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	289	24	324	92	384	277	131	72	54	0	57	57
Tanana River drainage	604	451	310	1,122	541	1,317	716	267	629	339	170	1,739
Kuskokwim River and Bay drainages	4,023	3,974	3,294	4,474	4,265	5,297	7,096	5,591	3,793	3,802	6,344	45,382
Seward Peninsula-Norton Sound	4,441	5,582	7,359	4,802	4,211	3,039	5,806	7,899	12,283	6,897	11,947	28,264
Northwest Alaska	0	0	10	29	20	125	0	0	265	42	63	74
Yukon River drainage	154	158	244	126	551	160	907	360	371	258	171	1,277
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	9,511	10,189	11,541	10,645	9,972	10,215	14,656	14,189	17,395	11,338	18,752	76,793
Alaska Total	501,935	632,829	624,327	811,799	776,033	783,328	861,490	937,965	652,953	716,815	676,376	1,064,168

^a In 2000, Glacier Bay Area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

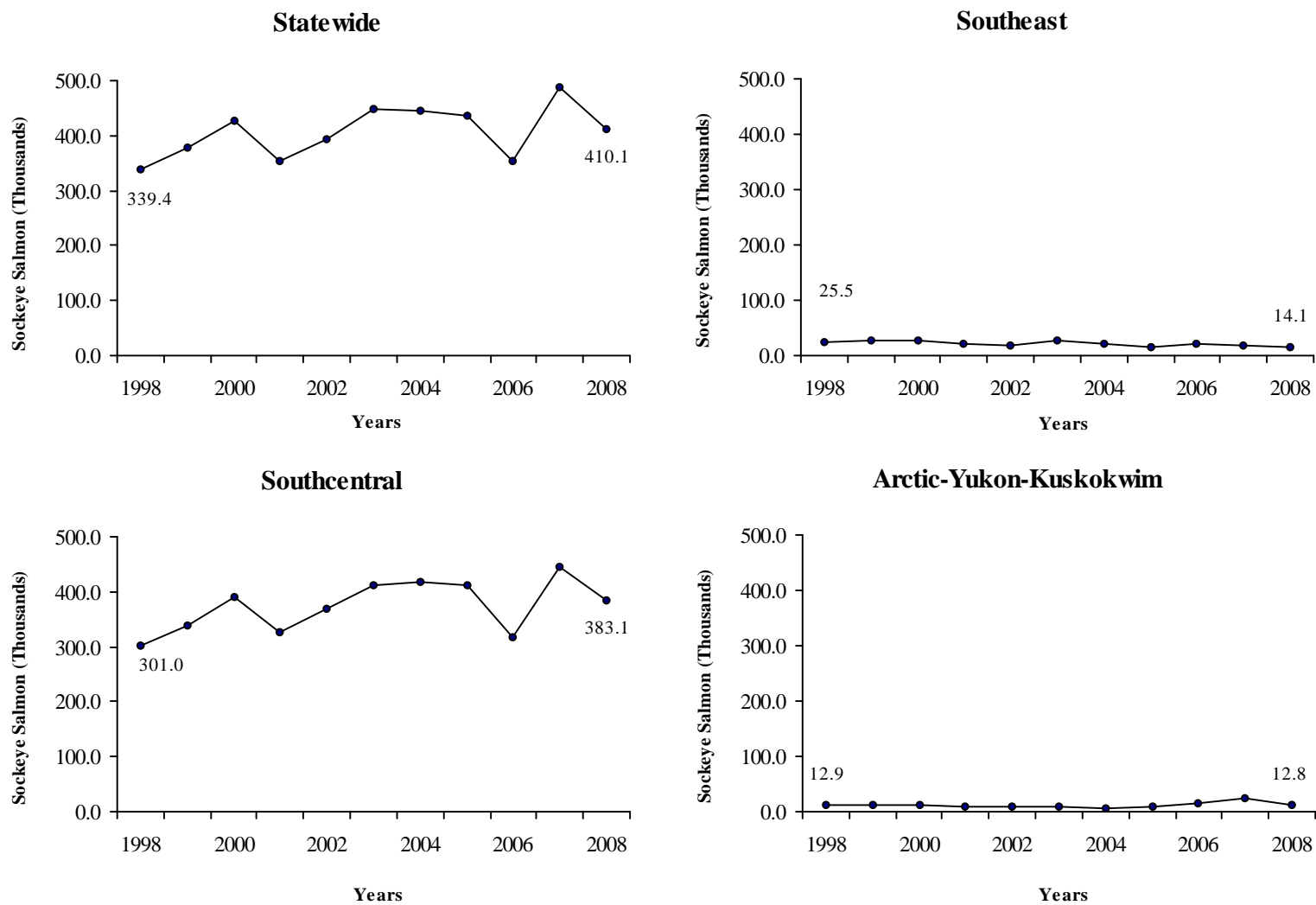


Figure 2.7.—Alaska sport sea-run sockeye harvest estimates, 1998-2008, statewide and by region.

Table 2.20.—Alaska sport sockeye salmon harvest estimates, 1998-2008, and catch estimates, 2008 by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	2,949	2,095	3,152	1,436	1,082	3,040	1,175	1,298	1,075	1,622	727	2,510
Prince of Wales	3,165	3,951	3,983	3,304	2,103	1,932	1,049	1,105	1,977	1,894	1,337	3,622
Kake, Petersburg, Wrangell, Stikine	880	754	1,292	1,450	1,185	1,314	1,080	170	918	596	763	1,146
Sitka ^a	3,781	7,566	2,382	1,962	1,288	2,184	2,391	1,582	1,740	1,965	407	1,021
Juneau	3,861	2,733	2,451	2,098	1,202	1,242	1,797	2,724	1,583	1,287	2,556	3,280
Haines-Skagway	276	683	944	3,184	3,260	2,446	1,294	1,133	1,454	725	1,100	2,678
Glacier Bay ^a	180	85	416	254	544	923	1,108	935	1,033	316	252	361
Yakutat	10,358	8,609	11,271	6,153	6,176	13,995	10,598	7,554	11,048	9,016	7,002	10,958
Total	25,450	26,476	25,891	19,841	16,840	27,076	20,492	16,501	20,828	17,421	14,144	25,576
Southcentral												
North Gulf Coast/Prince William Sound ^b	8,312	10,666	9,830	7,856	10,033	10,026	12,462	12,116	9,851	18,162	13,507	19,377
Knik Arm	5,499	3,658	7,536	4,328	4,619	6,606	7,148	3,460	4,622	7,030	6,695	8,836
Anchorage	1,271	542	537	894	330	943	286	551	91	172	223	1,719
Susitna River drainage ^c	5,859	4,608	6,509	6,776	3,427	2,734	6,465	4,105	2,308	4,921	4,689	13,803
West Cook Inlet ^d	5,190	8,269	9,549	9,785	4,191	13,440	3,323	4,025	4,993	8,187	5,652	10,315
Kenai Peninsula-Cook Inlet ^{bd}	241,843	280,544	317,107	269,416	324,720	354,020	365,196	363,352	269,663	376,099	314,178	479,038
Kodiak	8,763	10,405	16,972	12,199	12,215	12,562	7,884	10,374	6,317	13,541	17,800	44,528
Naknek River-Alaska Peninsula	4,063	4,232	7,717	6,079	4,927	4,431	5,324	2,871	5,885	7,857	8,596	21,847
Kvichak River drainage	15,638	14,009	9,513	4,983	2,815	3,795	7,219	7,632	8,245	6,273	9,346	36,744
Nushagak, Wood River, and Togiak	4,606	1,808	3,703	3,274	1,195	3,808	1,445	2,896	4,279	3,506	2,457	9,697
Total	301,044	338,741	388,973	325,590	368,472	412,365	416,752	411,382	316,254	445,748	383,143	645,904
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	11,184	11,101	12,361	8,169	7,761	7,108	6,464	8,135	14,297	23,009	11,431	16,912
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	1,627	1,154	822	422	267	289	512	792	864	876	1,109	9,824
Seward Peninsula-Norton Sound	16	0	45	39	0	572	404	232	22	72	260	446
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	64	11	0	0	3	82	79	78	0	0	0	113
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	12,891	12,266	13,228	8,630	8,031	8,051	7,459	9,237	15,183	23,957	12,800	27,295
Alaska Total	339,385	377,483	428,092	354,061	393,343	447,492	444,703	437,120	352,265	487,126	410,087	698,775

^a In 2000, Glacier Bay Area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

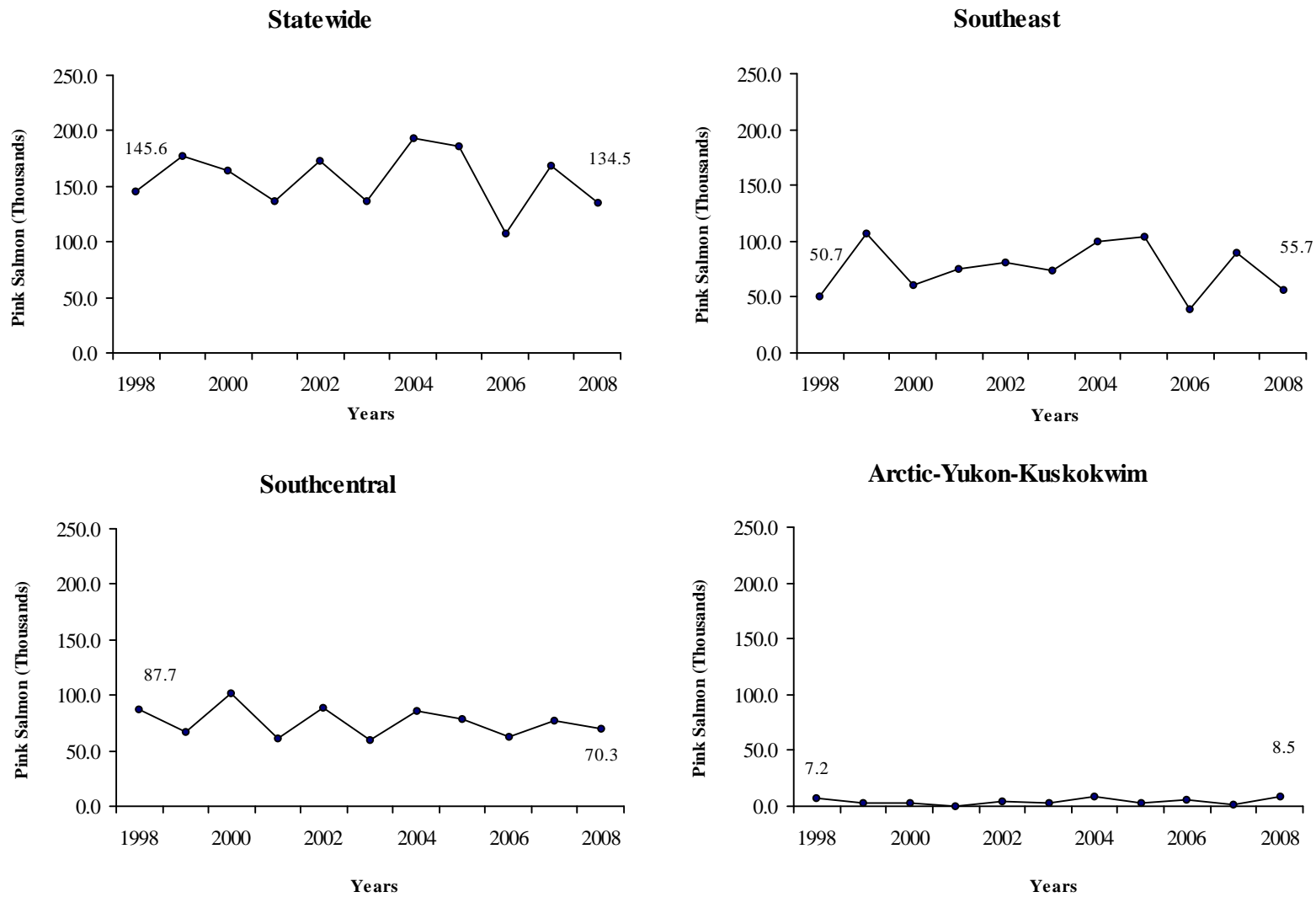


Figure 2.8.—Alaska sport pink salmon harvest estimates, 1998-2008, statewide and by region.

Table 2.21.—Alaska sport pink salmon harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	18,169	36,051	25,698	22,570	28,815	26,403	45,488	33,334	9,349	34,154	25,099	54,731
Prince of Wales	8,216	17,988	12,317	17,033	20,264	16,631	14,359	16,987	10,667	22,357	14,817	54,322
Kake, Petersburg, Wrangell, Stikine	1,754	5,144	862	3,560	1,187	1,851	2,256	3,544	959	2,044	1,195	2,293
Sitka ^a	7,916	11,903	4,798	5,298	7,568	6,503	8,099	12,178	4,951	8,823	4,708	20,409
Juneau	9,895	22,818	9,062	12,578	7,787	12,566	11,101	11,344	4,981	7,375	4,372	20,360
Haines-Skagway	2,183	3,212	3,560	3,665	6,355	2,818	9,430	8,641	1,885	3,173	842	4,307
Glacier Bay ^a	2,220	9,200	2,826	8,608	8,959	5,175	7,932	14,323	4,698	8,327	3,867	11,093
Yakutat	353	826	927	1,881	247	2,249	878	3,980	1,500	3,579	784	10,821
Total	50,706	107,142	60,050	75,193	81,182	74,196	99,543	104,331	38,990	89,832	55,684	178,336
Southcentral												
North Gulf Coast/Prince William Sound ^b	36,231	33,993	38,514	39,699	30,432	37,903	35,155	47,618	22,690	41,610	30,211	106,098
Knik Arm	646	119	954	404	466	52	859	270	698	287	304	3,361
Anchorage	3,205	721	3,123	783	1,168	1,600	1,272	677	2,345	3,278	2,032	30,004
Susitna River drainage ^c	5,579	2,887	11,483	3,650	3,760	1,775	5,613	3,156	4,505	2,703	2,289	43,250
West Cook Inlet ^d	1,730	840	2,200	1,175	966	449	157	46	55	166	9	730
Kenai Peninsula-Cook Inlet ^{bd}	25,522	12,906	31,434	7,617	33,671	10,221	28,772	12,964	20,277	9,162	24,666	236,022
Kodiak	12,266	12,813	10,599	6,498	14,696	6,842	7,476	11,513	10,495	16,316	8,602	50,063
Naknek River-Alaska Peninsula	1,686	2,681	2,409	551	979	620	3,755	1,407	1,348	3,498	1,366	14,807
Kvichak River drainage	506	49	268	330	1,070	199	1,041	381	78	298	296	11,470
Nushagak, Wood River, and Togiak	340	93	205	215	742	234	1,365	92	249	139	553	9,028
Total	87,711	67,102	101,189	60,922	87,950	59,895	85,465	78,124	62,740	77,457	70,328	504,833
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	122	0	10	11	143	46	416	66	187	0	32	19,854
Seward Peninsula-Norton Sound	6,939	3,039	2,890	360	4,303	2,222	8,309	3,027	5,317	1,601	8,259	38,630
Northwest Alaska	13	12	0	0	0	63	0	0	15	30	27	144
Yukon River drainage	85	0	0	0	0	24	33	0	54	0	0	2,072
North Slope-Brooks Range	13	0	648	0	66	49	75	0	134	0	216	642
Total	7,172	3,051	3,548	371	4,512	2,404	8,833	3,093	5,707	1,631	8,534	61,342
Alaska Total	145,589	177,295	164,787	136,486	173,644	136,495	193,841	185,548	107,437	168,920	134,546	744,511

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

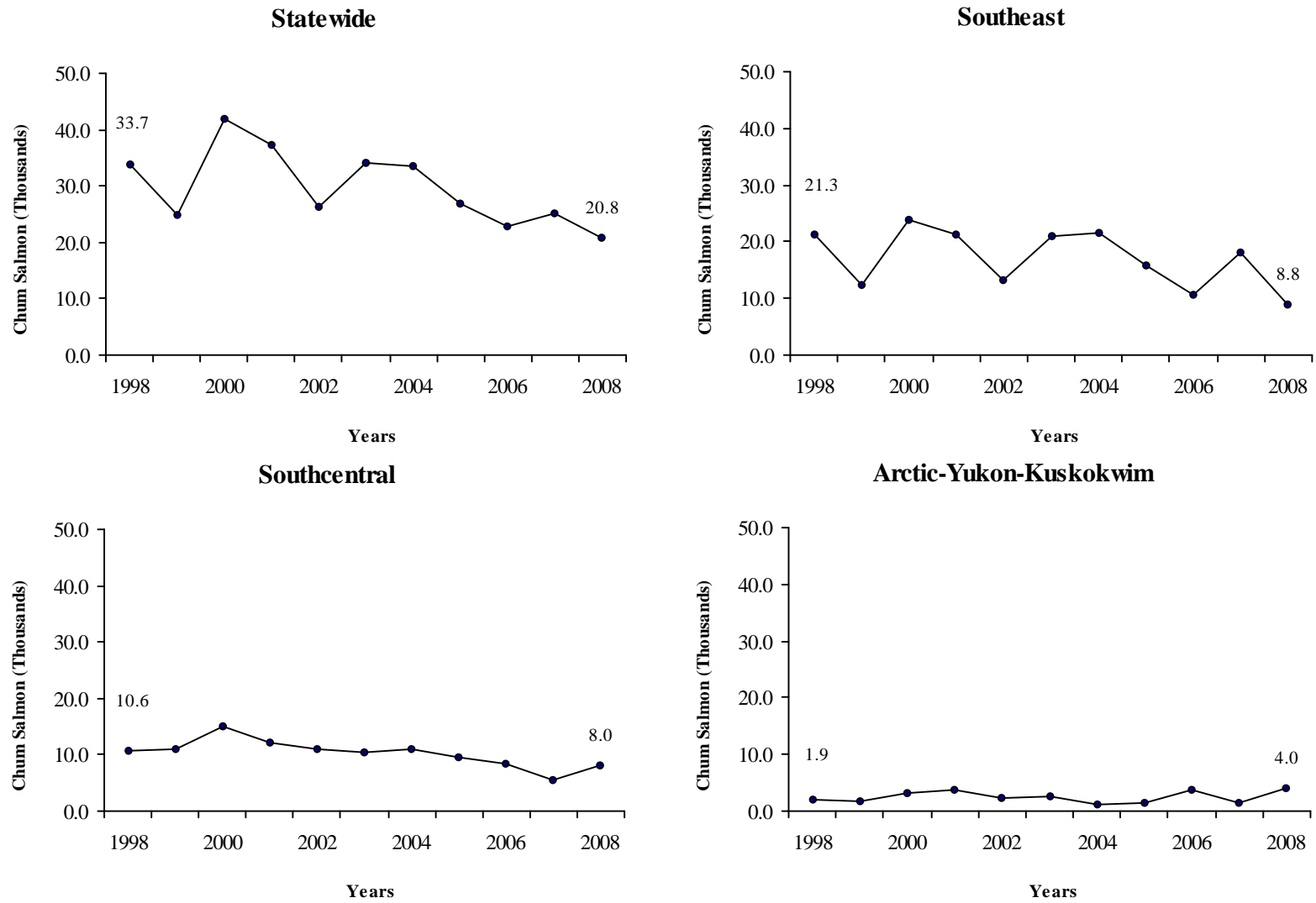


Figure 2.9.—Alaska sport chum salmon harvest estimates, 1998-2008, statewide and by region.

Table 2.22.—Alaska sport chum salmon harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	12,384	3,578	9,502	5,998	3,590	6,439	7,485	4,735	1,832	6,371	1,835	4,419
Prince of Wales	991	975	2,247	2,231	2,660	3,698	1,383	3,411	2,037	1,756	809	7,573
Kake, Petersburg, Wrangell, Stikine	208	1,142	831	463	299	328	575	461	259	513	44	335
Sitka ^a	3,209	1,711	2,877	2,523	1,939	2,815	4,588	1,702	1,347	2,597	1,573	7,136
Juneau	4,165	4,117	7,006	8,149	3,172	4,970	4,768	3,015	3,079	3,194	2,455	10,307
Haines-Skagway	51	353	306	389	632	584	630	568	745	1,321	584	2,670
Glacier Bay ^a	198	407	968	1,539	805	1,976	2,039	1,710	1,291	2,295	1,430	1,969
Yakutat	50	110	99	65	12	304	16	108	49	122	104	1,845
Total	21,256	12,393	23,836	21,357	13,109	21,114	21,484	15,710	10,639	18,169	8,834	36,254
Southcentral												
North Gulf Coast/Prince William Sound ^b	2,248	1,330	2,758	2,209	1,720	2,283	3,014	1,898	2,749	1,486	2,497	14,978
Knik Arm	797	738	1,254	1,155	1,685	1,124	808	747	780	364	620	4,833
Anchorage	513	129	340	470	472	313	306	234	242	97	283	6,033
Susitna River drainage ^c	2,260	2,941	3,279	3,180	3,389	2,725	3,067	2,665	1,499	1,465	1,581	27,498
West Cook Inlet ^d	394	543	633	704	415	553	84	0	13	45	153	1,991
Kenai Peninsula-Cook Inlet ^{bd}	1,127	1,605	2,571	1,252	1,450	766	550	515	933	196	593	4,795
Kodiak	547	426	955	991	91	548	599	781	482	387	698	6,504
Naknek River-Alaska Peninsula	250	428	272	333	420	387	844	226	158	263	132	5,790
Kvichak River drainage	1,204	704	900	418	420	690	307	1,138	378	157	315	13,750
Nushagak, Wood River, and Togiak	1,253	2,029	1,931	1,489	800	1,097	1,478	1,421	1,098	1,012	1,117	8,999
Total	10,593	10,873	14,893	12,201	10,862	10,486	11,057	9,625	8,332	5,472	7,989	95,171
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	70	474	97	29	307	63	98	144	315	41	61	636
Kuskokwim River and Bay drainages	596	520	359	176	598	67	117	608	158	439	262	19,292
Seward Peninsula-Norton Sound	682	211	1,089	1,709	818	292	498	330	344	105	755	5,961
Northwest Alaska	177	392	713	1,671	601	513	196	106	2,552	618	2,580	4,552
Yukon River drainage	351	81	64	53	77	1,575	105	291	268	204	310	2,689
North Slope-Brooks Range	0	0	763	0	5	0	13	0	195	0	0	0
Total	1,876	1,678	3,085	3,638	2,406	2,510	1,027	1,479	3,832	1,407	3,968	33,130
Alaska Total	33,725	24,944	41,814	37,196	26,377	34,110	33,568	26,814	22,803	25,048	20,791	164,555

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.23.—Alaska sport landlocked coho salmon and Chinook salmon harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest										Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Southeast											
Ketchikan	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	0	0	0	0	0	0	0	0	0	0	0
Juneau	249	2,111	544	1,488	484	1,254	76	536	898	764	404
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0
Total	249	2,111	544	1,488	484	1,254	76	536	898	764	404
Southcentral											
North Gulf Coast/Prince William Sound ^b	0	0	0	0	0	0	0	0	0	0	0
Knik Arm	5,057	8,674	11,233	7,556	9,137	5,800	5,915	6,685	3,680	1,654	2,198
Anchorage	12,601	7,854	6,952	9,638	6,093	3,460	8,468	4,850	1,595	1,463	1,479
Susitna River drainage ^c	320	703	831	0	0	105	25	0	8	100	0
West Cook Inlet ^d	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{bd}	4,385	863	3,451	4,271	4,779	818	2,324	1,965	1,242	1,308	1,000
Kodiak	64	31	0	0	0	0	0	0	0	0	0
Naknek River-Alaska Peninsula	0	0	0	0	0	0	0	0	0	0	0
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0
Total	22,427	18,125	22,467	21,465	20,009	10,183	16,732	13,500	6,525	4,525	4,677
Arctic-Yukon-Kuskokwim											
Upper Copper River drainage	477	232	436	282	282	51	0	122	42	0	0
Tanana River drainage	11,614	8,637	16,945	10,197	17,693	6,680	8,459	3,056	2,499	4,289	5,352
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0
Total	12,091	8,869	17,381	10,479	17,975	6,731	8,459	3,178	2,541	4,289	5,352
Alaska Total	34,767	29,105	40,392	33,432	38,468	18,168	25,267	17,214	9,964	9,578	10,433

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.24.—Alaska sport kokanee salmon harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	0	22	0	0	0	0	0	0	0	0	0	0
Juneau	223	29	22	37	29	0	66	48	32	0	8	36
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	223	51	22	37	29	0	66	48	32	0	8	36
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^d	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{b,d}	415	0	0	0	0	0	0	0	0	0	0	0
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River-Alaska Peninsula	0	0	0	0	0	0	0	0	0	0	0	0
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	415	0	0	0	0	0	0	0	0	0	0	0
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	638	51	22	37	29	0	66	48	32	0	8	36

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.25.—Alaska sport steelhead harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	4	40	0	76	38	24	33	48	39	0	0	2,701
Prince of Wales	32	56	12	39	0	31	65	13	50	7	34	4,224
Kake, Petersburg, Wrangell, Stikine	63	47	84	13	28	9	34	40	0	9	0	1,383
Sitka ^a	0	16	60	39	0	7	0	42	0	8	0	870
Juneau	0	24	24	39	6	9	16	0	13	67	16	554
Haines-Skagway	9	0	0	0	0	6	13	0	0	7	13	29
Glacier Bay ^a	0	16	0	0	0	9	8	0	89	8	0	143
Yakutat	11	120	0	52	22	54	0	0	7	7	53	16,417
Total	119	319	180	258	94	149	169	143	198	113	116	26,321
Southcentral												
North Gulf Coast/Prince William Sound ^b	9	72	0	90	319	100	155	407	7	66	19	35
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^d	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{bd}	40	0	65	26	113	48	8	73	7	8	82	13,366
Kodiak	222	276	142	47	0	70	64	16	181	62	52	3,102
Naknek River-Alaska Peninsula	0	0	0	0	0	0	0	0	0	0	0	105
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	271	348	207	163	432	218	227	496	195	136	153	16,608
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	0	8	0	0	0	0	0	0	0	0	0	61
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	8	0	0	0	0	0	0	0	0	0	61
Alaska Total	390	675	387	421	526	367	396	639	393	249	269	42,990

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.26.—Alaska sport rainbow trout harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	522	658	759	583	473	304	235	853	186	313	457	4,271
Prince of Wales	750	500	787	233	276	183	147	116	57	234	345	5,190
Kake, Petersburg, Wrangell, Stikine	615	59	144	41	183	77	76	21	65	322	68	229
Sitka ^a	266	590	579	325	480	258	274	148	284	266	67	2,157
Juneau	180	352	120	60	74	43	0	0	47	15	0	284
Haines-Skagway	0	0	557	0	12	11	0	0	0	0	0	115
Glacier Bay ^a	17	0	48	0	47	166	0	0	0	21	92	102
Yakutat	192	37	35	56	44	77	0	21	0	11	0	154
Total	2,542	2,196	3,029	1,298	1,589	1,119	732	1,159	639	1,182	1,029	12,502
Southcentral												
North Gulf Coast/Prince William Sound ^b	337	1,355	506	655	717	431	220	148	242	313	15	48
Knik Arm	17,693	24,527	28,745	21,061	28,325	17,617	17,738	14,367	13,524	10,613	15,537	67,585
Anchorage	19,761	28,776	35,587	21,311	22,478	18,522	23,276	13,876	7,845	5,305	8,437	43,646
Susitna River drainage ^c	968	1,755	1,521	1,112	1,751	2,581	3,553	1,316	2,720	1,526	2,391	57,600
West Cook Inlet ^d	1,270	2,143	1,437	1,029	1,445	1,689	177	196	170	216	106	1,276
Kenai Peninsula-Cook Inlet ^{bd}	13,463	15,302	18,443	10,441	16,526	10,558	8,788	7,745	7,426	9,578	8,390	253,959
Kodiak	411	1,057	955	628	920	302	387	109	84	285	193	1,960
Naknek River-Alaska Peninsula	537	683	496	246	723	171	449	695	251	837	200	50,964
Kvichak River drainage	802	1,145	962	692	336	594	521	711	277	786	889	121,794
Nushagak, Wood River, and Togiak	622	964	519	454	321	690	973	627	580	902	176	30,822
Total	55,864	77,707	89,171	57,629	73,542	53,155	56,082	39,790	33,119	30,361	36,334	629,654
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	5,182	3,842	2,877	2,416	3,294	3,761	2,311	1,907	2,223	615	1,001	10,035
Tanana River drainage	38,292	48,226	49,690	19,919	38,562	26,292	25,554	17,829	16,998	17,841	10,576	41,522
Kuskokwim River and Bay drainages	523	510	106	17	76	204	457	141	107	232	219	54,877
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	43,997	52,578	52,673	22,352	41,932	30,257	28,322	19,877	19,328	18,688	11,796	106,434
Alaska Total	102,403	132,481	144,873	81,279	117,063	84,531	85,136	60,826	53,086	50,231	49,159	748,590

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula-Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.27.—Alaska sport cutthroat trout harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	606	785	549	865	623	663	323	369	598	203	305	5,087
Prince of Wales	1,310	1,388	1,593	1,054	1,043	681	997	372	482	178	525	7,933
Kake, Petersburg, Wrangell, Stikine	1,282	1,030	1,302	2,424	817	1,459	1,561	539	871	430	933	5,720
Sitka ^a	684	698	637	640	372	341	371	542	257	199	324	1,966
Juneau	577	366	497	726	444	440	421	691	292	346	140	2,861
Haines-Skagway	337	300	246	400	370	412	781	482	592	147	342	567
Glacier Bay ^a	31	18	80	282	182	74	233	63	102	115	37	498
Yakutat	25	19	54	0	0	0	21	9	0	9	14	157
Total	4,852	4,604	4,958	6,391	3,851	4,070	4,708	3,067	3,194	1,627	2,620	24,789
Southcentral												
North Gulf Coast/Prince William Sound ^b	717	449	355	465	241	1,062	267	567	211	276	289	1,126
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^d	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{bd}	0	0	0	0	0	0	0	0	0	0	0	0
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River-Alaska Peninsula	0	0	0	0	0	0	0	0	0	0	0	0
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	717	449	355	465	241	1,062	267	567	211	276	289	1,126
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	5,569	5,053	5,313	6,856	4,092	5,132	4,975	3,634	3,405	1,903	2,909	25,915

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.28.—Alaska sport brook trout harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	0	29	35	85	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	8	0	0	0	0	0	0	0	0	0
Sitka ^a	0	54	39	38	71	0	0	0	0	0	0	0
Juneau	0	14	26	0	301	0	0	0	0	0	0	0
Haines-Skagway	10	15	45	0	15	0	0	0	328	35	0	70
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	10	112	153	123	387	0	0	0	328	35	0	70
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^d	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{bd}	0	0	0	0	0	0	0	0	0	0	0	0
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River-Alaska Peninsula	0	0	0	0	0	0	0	0	0	0	0	0
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	10	112	153	123	387	0	0	0	328	35	0	70

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.29.—Alaska sport lake trout harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	0	0	0	0	0	0	0	0	0	0	0	0
Juneau	0	0	0	0	0	0	0	0	0	0	0	0
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	0	33	0	187	0	0	0	0	0
Knik Arm	68	108	116	162	533	339	0	220	40	127	300	712
Anchorage	0	921	198	173	199	779	0	64	39	0	246	307
Susitna River drainage ^c	217	222	154	226	403	339	1,850	1,750	582	753	1,033	5,267
West Cook Inlet ^d	82	81	115	51	7	180	31	0	6	164	0	22
Kenai Peninsula-Cook Inlet ^{bd}	2,415	2,920	1,858	1,763	1,899	1,097	1,799	1,229	862	669	590	1,578
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River-Alaska Peninsula	165	413	182	58	160	383	775	96	166	263	201	2,550
Kvichak River drainage	219	759	322	369	340	533	789	430	116	189	626	2,524
Nushagak, Wood River, and Togiak	162	393	173	290	173	333	259	783	21	286	93	1,345
Total	3,328	5,817	3,118	3,092	3,747	3,983	5,690	4,572	1,832	2,451	3,089	14,305
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	1,723	2,135	1,700	1,185	2,067	1,831	791	1,077	347	523	495	4,436
Tanana River drainage	524	1,145	1,133	445	709	860	646	1,082	791	648	506	2,000
Kuskokwim River and Bay drainages	131	128	152	63	134	244	497	233	83	42	22	807
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	31	101	116	117	88	11	137	81	34	7	0	0
Yukon River drainage	27	545	55	56	147	57	98	171	6	40	33	58
North Slope-Brooks Range	221	77	18	37	217	98	75	96	10	0	0	21
Total	2,657	4,131	3,174	1,903	3,362	3,101	2,244	2,740	1,271	1,260	1,056	7,322
Alaska Total	5,985	9,948	6,292	4,995	7,109	7,084	7,934	7,312	3,103	3,711	4,145	21,627

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.30.—Alaska sport Dolly Varden and Arctic char harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	1,742	429	1,171	487	323	916	1,314	555	233	80	742	3,290
Prince of Wales	1,562	1,807	4,545	2,178	3,660	5,461	1,884	658	1,495	615	1,985	16,514
Kake, Petersburg, Wrangell, Stikine	1,467	1,409	1,137	1,867	1,027	1,397	1,358	715	788	410	1,273	4,735
Sitka ^a	3,801	1,803	2,341	1,183	1,235	1,625	1,204	1,408	1,560	993	1,726	11,533
Juneau	5,124	4,950	10,616	4,703	3,291	4,610	3,833	2,625	2,709	2,771	3,228	41,902
Haines-Skagway	3,957	4,466	3,047	3,228	4,357	4,635	4,710	3,552	4,600	1,842	3,549	12,233
Glacier Bay ^a	1,845	497	2,532	1,817	1,541	659	1,607	1,103	1,006	1,663	1,748	8,283
Yakutat	2,253	1,080	563	795	286	1,404	871	986	365	248	495	5,219
Total	21,751	16,441	25,952	16,258	15,720	20,707	16,781	11,602	12,756	8,622	14,746	103,709
Southcentral												
North Gulf Coast/Prince William Sound ^b	1,732	1,153	1,203	1,630	2,676	2,085	1,558	1,397	1,242	1,602	1,716	9,513
Knik Arm	2,425	3,798	3,393	2,662	1,822	2,247	2,380	2,040	1,525	4,063	1,935	12,101
Anchorage	1,895	2,047	1,416	901	1,402	2,085	4,252	1,358	1,761	1,267	821	5,742
Susitna River drainage ^c	889	918	823	1,172	1,512	1,694	1,230	657	864	332	498	11,169
West Cook Inlet ^d	457	1,337	1,874	879	825	434	368	326	133	532	645	4,304
Kenai Peninsula-Cook Inlet ^{bd}	16,743	14,269	17,268	13,233	10,879	12,199	12,589	8,181	7,013	8,434	8,610	240,461
Kodiak	8,048	7,864	11,127	8,725	6,495	5,424	6,479	3,841	7,222	8,841	8,116	60,270
Naknek River-Alaska Peninsula	2,420	2,213	3,491	2,939	1,914	1,654	2,947	1,907	1,682	2,294	2,052	39,395
Kvichak River drainage	459	459	663	765	195	270	358	262	199	359	331	10,603
Nushagak, Wood River, and Togiak	2,540	2,548	2,503	2,437	2,035	2,774	4,898	1,678	1,461	1,619	1,300	44,156
Total	37,608	36,606	43,761	35,343	29,755	30,866	37,059	21,647	23,102	29,343	26,024	437,714
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	1,589	2,390	991	1,612	1,388	1,578	2,153	730	766	701	397	1,270
Tanana River drainage	3,996	4,851	4,009	3,368	6,645	4,854	4,111	2,752	1,818	2,038	2,990	7,172
Kuskokwim River and Bay drainages	1,581	2,038	1,612	1,698	2,026	2,710	2,539	2,135	1,937	1,492	2,038	83,835
Seward Peninsula-Norton Sound	2,240	6,708	7,921	3,174	2,252	5,531	4,318	3,063	3,180	2,808	3,319	14,445
Northwest Alaska	440	796	1,590	1,693	1,884	533	1,285	239	2,314	2,924	852	6,641
Yukon River drainage	205	203	373	368	551	358	167	130	174	181	36	1,332
North Slope-Brooks Range	1,454	929	1,178	1,589	773	193	180	493	273	151	352	4,426
Total	11,505	17,915	17,674	13,502	15,519	15,757	14,753	9,542	10,462	10,295	9,984	119,121
Alaska Total	70,864	70,962	87,387	65,103	60,994	67,330	68,593	42,791	46,320	48,260	50,754	660,544

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula-Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.31.—Alaska sport Arctic grayling harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	25	172	0	26	0	0	0	0	0	0	0	16
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	8	56	10	0	14	0	0	193	0	13	0	14
Juneau	0	0	0	0	0	0	0	0	0	0	0	16
Haines-Skagway	25	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	58	228	10	26	14	0	0	193	0	13	0	46
Southcentral												
North Gulf Coast/Prince William Sound ^b	15	246	89	90	116	646	73	177	35	0	28	70
Knik Arm	1,300	1,740	1,194	1,215	881	1,222	703	507	972	605	744	6,774
Anchorage	59	158	10	62	747	221	90	166	55	386	444	3,409
Susitna River drainage ^c	1,413	1,614	979	1,036	1,165	393	2,085	1,207	2,293	1,533	2,339	20,622
West Cook Inlet ^d	1,007	781	750	613	486	327	179	0	19	42	56	83
Kenai Peninsula-Cook Inlet ^{bd}	897	1,104	1,247	1,056	1,128	1,195	1,151	801	397	582	804	11,230
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River-Alaska Peninsula	233	191	73	42	113	139	92	76	97	541	73	4,360
Kvichak River drainage	1,726	761	786	1,509	451	849	764	341	400	452	818	23,152
Nushagak, Wood River, and Togiak	1,126	2,154	1,493	1,399	1,842	995	2,154	422	462	870	945	32,847
Total	7,776	8,749	6,621	7,022	6,929	5,987	7,291	3,697	4,730	5,011	6,251	102,547
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	8,275	8,245	6,590	4,450	7,910	5,908	3,296	3,336	2,389	2,379	2,788	41,388
Tanana River drainage	11,687	11,523	8,560	7,074	12,987	10,084	6,773	10,061	5,982	6,739	8,122	116,973
Kuskokwim River and Bay drainages	3,469	1,290	361	807	1,464	1,259	1,953	1,287	637	827	713	35,486
Seward Peninsula-Norton Sound	298	1,600	1,193	994	1,565	1,778	824	595	419	314	965	9,743
Northwest Alaska	1,788	1,247	1,221	1,244	1,994	1,473	1,983	269	760	849	293	3,940
Yukon River drainage	3,912	3,164	3,279	3,193	2,832	3,131	3,271	2,883	2,041	2,824	2,531	20,687
North Slope-Brooks Range	1,182	1,206	934	846	2,215	1,122	868	1,313	594	572	923	9,462
Total	30,611	28,275	22,138	18,608	30,967	24,755	18,968	19,744	12,822	14,504	16,335	237,679
Alaska Total	38,445	37,252	28,769	25,656	37,910	30,742	26,259	23,634	17,552	19,528	22,586	340,272

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula-Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.32.—Alaska sport northern pike harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	0	0	0	0	0	0	0	0	0	0	0	0
Juneau	0	0	0	0	0	0	0	0	0	0	0	0
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	26	0	0	0	181	0	0	0	7
Total	0	0	0	26	0	0	0	181	0	0	0	7
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	0	0	25	0	0	0	0	0	0
Knik Arm	4,272	6,785	5,698	6,544	5,716	4,026	4,961	4,317	4,839	3,050	1,752	3,612
Anchorage	337	243	1,274	1,166	1,190	1,078	663	611	364	1,285	205	1,267
Susitna River drainage ^c	130	260	101	55	618	0	6,933	6,871	6,425	4,893	6,151	20,696
West Cook Inlet ^d	3,807	4,319	3,778	6,140	5,984	3,998	493	153	285	225	96	229
Kenai Peninsula-Cook Inlet ^{bd}	114	329	159	1,302	380	699	2,321	224	55	558	254	407
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River-Alaska Peninsula	235	231	337	161	33	24	43	200	296	25	91	2,435
Kvichak River drainage	311	644	198	479	64	575	564	357	216	31	460	2,114
Nushagak, Wood River, and Togiak	389	516	474	826	877	857	1,144	1,069	781	995	261	12,770
Total	9,595	13,327	12,019	16,673	14,862	11,282	17,122	13,802	13,261	11,062	9,270	43,530
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	2,870	2,925	3,467	4,207	3,436	2,947	4,895	4,624	3,276	3,900	1,381	10,330
Kuskokwim River and Bay drainages	1,430	548	531	474	443	783	1,543	3,749	406	346	165	2,779
Seward Peninsula-Norton Sound	75	355	416	349	326	424	840	514	0	210	513	3,065
Northwest Alaska	195	193	352	122	158	423	729	18	107	375	53	443
Yukon River drainage	1,452	2,418	1,277	1,772	3,291	1,507	3,656	1,899	1,134	1,281	1,577	8,655
North Slope-Brooks Range	0	0	0	0	51	22	14	32	0	0	0	0
Total	6,022	6,439	6,043	6,924	7,705	6,106	11,677	10,836	4,923	6,112	3,689	25,272
Alaska Total	15,617	19,766	18,062	23,623	22,567	17,388	28,799	24,819	18,184	17,174	12,959	68,809

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.33.—Alaska sport whitefish harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	0	0	0	0	0	0	0	0	0	0	0	0
Juneau	0	0	0	0	0	0	0	0	0	0	0	0
Haines-Skagway	0	0	0	0	15	0	0	48	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	15	0	0	48	0	0	0	0
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm	356	7	113	551	190	108	15	710	162	43	31	244
Anchorage	0	0	0	0	0	30	0	0	234	0	0	0
Susitna River drainage ^c	96	32	52	135	67	82	635	129	168	415	623	2,407
West Cook Inlet ^d	114	95	146	111	74	93	0	26	0	0	0	7
Kenai Peninsula-Cook Inlet ^{bd}	96	60	118	207	609	60	149	265	152	125	299	1,992
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River-Alaska Peninsula	16	0	4	0	0	0	20	0	30	0	159	159
Kvichak River drainage	533	68	91	827	8	121	135	26	0	0	64	334
Nushagak, Wood River, and Togiak	263	15	0	157	105	167	77	402	0	437	0	236
Total	1,474	277	524	1,988	1,053	661	1,031	1,558	746	1,020	1,176	5,379
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	584	317	451	1,135	2,288	422	562	1,031	462	115	367	1,132
Tanana River drainage	853	235	385	785	1,086	167	1,485	114	252	656	227	1,418
Kuskokwim River and Bay drainages	1,220	9	214	20	54	89	975	209	58	342	96	380
Seward Peninsula-Norton Sound	0	9	915	814	206	471	623	498	64	1,004	139	1,003
Northwest Alaska	100	398	343	1,572	270	220	408	16	566	143	168	303
Yukon River drainage	121	511	222	928	497	0	284	79	631	74	230	471
North Slope-Brooks Range	0	68	71	26	19	304	1,509	0	258	0	0	40
Total	2,878	1,547	2,601	5,280	4,420	1,673	5,846	1,947	2,291	2,334	1,227	4,747
Alaska Total	4,352	1,824	3,125	7,268	5,488	2,334	6,877	3,553	3,037	3,354	2,403	10,126

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.34.—Alaska sport burbot harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest										Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Southeast											
Ketchikan	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	0	0	0	0	0	0	0	0	0	0	0
Juneau	0	0	0	0	0	0	0	0	0	0	0
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0
Southcentral											
North Gulf Coast/Prince William Sound ^b	0	0	0	0	0	0	0	0	0	0	0
Knik Arm	121	369	805	230	1,069	438	171	805	550	240	926
Anchorage	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	208	230	242	214	211	511	976	661	801	1,050	1,532
West Cook Inlet ^d	1,029	672	1,130	245	91	397	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{bd}	0	0	12	22	92	0	0	0	0	0	17
Kodiak	0	0	0	0	0	0	0	0	0	0	0
Naknek River-Alaska Peninsula	8	0	363	0	0	0	0	74	0	0	0
Kvichak River drainage	212	77	0	29	4	32	101	84	0	0	0
Nushagak, Wood River, and Togiak	0	25	0	0	0	0	0	0	0	0	8
Total	1,578	1,373	2,552	740	1,467	1,378	1,248	1,624	1,351	1,290	2,458
Arctic-Yukon-Kuskokwim											
Upper Copper River drainage	1,485	1,861	2,290	1,506	2,224	1,457	709	1,265	319	362	524
Tanana River drainage	3,291	3,148	3,740	1,297	4,009	2,561	3,446	2,487	1,903	3,623	1,227
Kuskokwim River and Bay drainages	136	228	588	50	15	87	111	75	0	0	0
Seward Peninsula-Norton Sound	84	97	411	50	0	0	0	50	0	75	63
Northwest Alaska	150	28	110	33	244	0	9	0	63	0	67
Yukon River drainage	133	168	118	50	1,160	594	111	534	741	60	279
North Slope-Brooks Range	25	0	0	18	0	22	70	0	0	0	58
Total	5,304	5,530	7,257	3,004	7,652	4,721	4,456	4,411	3,026	4,120	2,160
Alaska Total	6,882	6,903	9,809	3,744	9,119	6,099	5,704	6,035	4,377	5,410	4,618

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula-Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.35.—Alaska sport sheefish harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	0	0	0	0	0	0	0	0	0	0	0	0
Juneau	0	0	0	0	0	0	0	0	0	0	0	0
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^d	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{bd}	0	0	0	0	0	0	0	0	0	0	0	0
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River-Alaska Peninsula	0	0	0	0	0	0	0	0	0	0	0	0
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	24	114	220	9	92	59	177	129	53	37	83	195
Kuskokwim River and Bay drainages	119	268	250	124	81	45	182	1,079	173	435	191	1,046
Seward Peninsula-Norton Sound	0	7	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	414	635	1,195	1,305	500	2,509	1,634	393	810	1,066	61	482
Yukon River drainage	258	133	372	492	538	238	1,352	1,348	540	177	462	834
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	815	1,157	2,037	1,930	1,211	2,851	3,345	2,949	1,576	1,715	797	2,557
Alaska Total	815	1,157	2,037	1,930	1,211	2,851	3,345	2,949	1,576	1,715	797	2,557

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.36.—Alaska sport smelt harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest										Catch 2008
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Southeast											
Ketchikan	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	1,078	325	0	0	0	0	0	145	16	141	16
Kake, Petersburg, Wrangell, Stikine	2,137	2,708	1,848	2,174	845	2,277	3,388	1,257	750	2,463	1,405
Sitka ^a	323	0	0	0	17	146	77	0	0	1,671	1,196
Juneau	180	1,354	240	477	0	1,593	19	0	32	807	357
Haines-Skagway	150	83	0	484	516	3,264	0	0	0	0	0
Glacier Bay ^a	0	0	40	0	18	0	58	2,008	0	0	323
Yakutat	0	9	341	464	0	0	0	0	0	0	98
Total	3,868	4,479	2,469	3,599	1,396	7,280	3,542	3,410	798	5,082	3,379
Southcentral											
North Gulf Coast/Prince William Sound ^b	3,194	1,896	1,283	4,981	10,381	2,744	1,462	156	40	269	2,305
Knik Arm	0	2,708	6,131	1,574	0	1,578	11	0	71	124	0
Anchorage	33,637	44,597	13,488	35,909	57,079	35,841	9,987	8,885	9,927	16,527	20,047
Susitna River drainage ^c	0	9,816	0	1,349	0	0	12,562	3,068	0	620	1,832
West Cook Inlet ^d	8,376	27,031	5,696	8,707	3,298	5,920	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{bd}	18,850	5,496	31,167	23,455	20,409	12,581	43,331	10,308	5,197	5,110	2,547
Kodiak	0	0	78	45	0	0	0	98	0	0	0
Naknek River-Alaska Peninsula	6,519	6,545	4,871	2,940	3,227	8,746	842	2,488	1,653	3,336	4,496
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	2,552	2,531	9,791	1,124	40	3,309	135	2,178	175	434	859
Total	73,128	100,620	72,505	80,084	94,434	70,719	68,330	27,181	17,063	26,420	32,086
Arctic-Yukon-Kuskokwim											
Upper Copper River drainage	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	3,333	0	68	0	0	0	281	0	291	1,860	304
Seward Peninsula-Norton Sound	0	3,046	2,574	1,124	474	0	2,139	0	52	1,285	0
Northwest Alaska	0	0	7	0	0	0	0	0	7	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0
Total	3,333	3,046	2,649	1,124	474	0	2,420	0	350	3,145	304
Alaska Total	80,329	108,145	77,623	84,807	96,304	77,999	74,292	30,591	18,211	34,647	35,769

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula-Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.37.—Alaska sport Pacific halibut harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest										Catch	
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	11,311	10,989	13,665	10,106	10,766	8,810	19,938	15,751	14,538	20,920	19,560	26,053
Prince of Wales	24,028	25,739	28,860	28,210	30,960	29,307	31,081	38,944	36,267	43,630	40,932	61,344
Kake, Petersburg, Wrangell, Stikine	8,995	8,133	9,930	8,345	6,742	7,569	12,149	11,876	15,801	16,923	19,279	29,731
Sitka ^a	30,303	28,222	28,375	33,104	25,156	32,362	39,505	42,185	39,408	40,840	37,759	50,688
Juneau	14,553	15,522	16,672	14,213	15,647	20,530	19,544	25,662	14,643	22,329	20,665	31,850
Haines-Skagway	564	879	499	864	1,220	1,136	863	763	905	986	451	546
Glacier Bay ^a	7,190	7,552	13,639	15,112	14,322	19,767	24,236	27,389	19,429	32,705	30,615	61,655
Yakutat	5,166	3,645	4,727	3,738	2,372	5,376	4,597	5,236	4,227	5,270	4,966	5,836
Total	102,110	100,681	116,367	113,692	107,185	124,857	151,913	167,806	145,218	183,603	174,227	267,703
Southcentral												
North Gulf Coast/Prince William Sound ^b	24,301	27,600	31,180	51,267	56,458	67,683	92,984	85,935	80,114	108,599	95,347	151,367
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^d	3,003	2,422	3,384	1,919	1,618	1,032	1,916	2,339	0	0	0	0
Kenai Peninsula-Cook Inlet ^{bd}	201,106	178,962	227,461	180,563	165,405	189,062	209,786	216,356	209,442	253,265	209,082	384,678
Kodiak	15,668	18,595	21,284	16,111	16,995	18,480	22,885	24,122	25,219	35,337	33,999	62,591
Naknek River-Alaska Peninsula	3,238	4,116	3,014	1,987	3,109	1,631	2,927	3,329	2,862	3,960	3,719	8,788
Kvichak River drainage	0	13	43	0	19	24	64	33	0	0	106	293
Nushagak, Wood River, and Togiak	0	0	0	0	20	12	47	0	0	0	0	0
Total	247,316	231,708	286,366	251,847	243,624	277,924	330,609	332,114	317,637	401,161	342,253	607,717
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	315	0	53	0	0	0	0	32	0	0	0	0
Seward Peninsula-Norton Sound	723	248	494	0	0	81	0	96	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	20	0	0	0	0	28	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,038	268	547	0	0	81	28	128	0	0	0	0
Alaska Total	350,464	332,657	403,280	365,539	350,809	402,862	482,550	500,048	462,855	584,764	516,480	875,420

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula-Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.38.—Alaska sport rockfish harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest										Catch	
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	5,133	10,538	12,318	8,540	7,077	7,321	13,805	13,136	13,473	15,522	14,763	29,185
Prince of Wales	11,759	23,667	17,152	17,161	15,189	15,518	27,027	23,617	23,425	25,371	30,891	57,704
Kake, Petersburg, Wrangell, Stikine	2,678	3,778	4,103	2,461	2,531	1,940	3,712	3,598	2,437	4,190	5,329	8,891
Sitka ^a	16,281	22,306	18,439	16,444	15,856	16,212	30,239	31,984	34,160	38,264	53,414	83,303
Juneau	5,570	8,379	9,685	8,857	5,768	8,649	6,753	8,412	3,913	5,323	6,344	9,312
Haines-Skagway	214	233	117	138	19	44	566	277	291	90	28	305
Glacier Bay ^a	1,283	1,816	6,477	3,309	2,572	4,095	4,148	6,595	4,986	3,765	5,592	14,205
Yakutat	1,224	772	858	668	737	1,615	1,413	2,371	2,800	2,013	2,636	3,209
Total	44,142	71,489	69,149	57,578	49,749	55,394	87,663	89,990	85,485	94,538	118,997	206,114
Southcentral												
North Gulf Coast/Prince William Sound ^b	13,451	12,996	17,476	48,364	56,240	48,503	73,947	63,985	65,412	76,168	79,246	125,099
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^d	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{bd}	24,881	30,125	36,478	4,626	5,835	7,515	9,756	11,607	9,431	12,789	11,258	23,757
Kodiak	4,547	5,480	7,125	5,505	7,556	6,166	7,844	15,392	11,688	12,551	15,596	38,964
Naknek River-Alaska Peninsula	437	138	1,430	745	1,018	678	933	2,759	1,143	1,499	1,288	3,185
Kvichak River drainage	0	0	0	0	0	60	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	43,316	48,739	62,509	59,240	70,649	62,922	92,480	93,743	87,674	103,007	107,388	191,005
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	87,458	120,228	131,658	116,818	120,398	118,316	180,143	183,733	173,159	197,545	226,385	397,119

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula-Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.39.—Alaska sport lingcod harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	1,346	1,560	2,388	2,297	1,483	1,043	2,518	1,973	1,476	1,324	1,146	2,545
Prince of Wales	7,724	8,963	10,044	5,878	3,173	2,516	6,392	9,419	7,123	5,168	4,535	11,526
Kake, Petersburg, Wrangell, Stikine	580	436	399	431	134	342	405	845	427	294	182	746
Sitka ^a	6,763	8,186	4,837	5,298	2,832	3,728	4,604	6,477	6,574	4,526	3,452	21,389
Juneau	350	1,633	1,258	521	553	529	372	588	281	261	125	458
Haines-Skagway	20	57	0	24	12	0	10	0	0	0	0	0
Glacier Bay ^a	229	254	1,957	1,188	727	977	589	1,200	1,043	775	655	5,407
Yakutat	1,029	1,163	1,725	787	683	1,521	1,174	1,585	1,573	1,737	1,804	3,420
Total	18,041	22,252	22,608	16,424	9,597	10,656	16,064	22,087	18,497	14,085	11,899	45,491
Southcentral												
North Gulf Coast/Prince William Sound ^b	2,260	1,913	3,044	6,805	7,586	7,178	8,944	9,707	10,838	16,364	14,910	35,457
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^d	102	39	64	11	0	25	42	18	0	0	0	0
Kenai Peninsula-Cook Inlet ^{bd}	3,542	4,608	7,020	1,976	1,600	2,094	3,269	3,018	3,307	7,012	6,133	13,910
Kodiak	1,322	1,726	1,966	1,530	1,099	1,446	2,507	2,604	2,447	3,203	3,518	6,201
Naknek River-Alaska Peninsula	45	27	115	11	373	122	94	87	35	857	147	455
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	7,271	8,313	12,209	10,333	10,658	10,865	14,856	15,434	16,627	27,436	24,708	56,023
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	25,312	30,565	34,817	26,757	20,255	21,521	30,920	37,521	35,124	41,521	36,607	101,514

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.40.—Alaska sport razor clam harvest estimates, 1998-2008, and catch estimates, 2008, by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	0	0	0	0	0	0	0	93	0	0	1,738	1,738
Prince of Wales	0	0	0	0	0	0	0	0	2,523	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	108	0	0	0	0
Sitka ^a	126	0	9	65	0	0	0	0	0	0	0	0
Juneau	0	0	0	0	0	0	0	0	0	874	0	0
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	126	0	9	65	0	0	0	201	2,523	874	1,738	1,738
Southcentral												
North Gulf Coast/Prince William Sound ^b	420	523	0	702	244	0	635	127	733	1,435	4,501	4,501
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^d	11,260	16,136	28,736	24,152	12,754	13,915	24,276	19,751	0	0	0	0
Kenai Peninsula-Cook Inlet ^{bd}	648,235	756,215	850,087	648,466	775,667	575,903	525,629	430,693	478,515	386,636	580,897	580,897
Kodiak	178	884	441	216	0	200	0	189	1,452	219	1,163	1,163
Naknek River-Alaska Peninsula	0	0	0	0	0	0	0	0	0	0	1,537	1,537
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	660,093	773,758	879,264	673,536	788,665	590,018	550,540	450,760	480,700	388,290	588,098	588,098
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	3,074	3,074
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	3,074	3,074
Alaska Total	660,219	773,758	879,273	673,601	788,665	590,018	550,540	450,961	483,223	389,164	592,910	592,910

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

Table 2.41.—Alaska sport harvest estimates, 1998-2008, and catch estimates, 2008, of other fish by region and area.

Area Fished	Harvest											Catch
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
Southeast												
Ketchikan	165	255	874	181	208	1,254	1,042	598	394	561	244	1,218
Prince of Wales	835	1,677	974	372	639	208	541	815	361	673	222	1,173
Kake, Petersburg, Wrangell, Stikine	637	360	914	512	239	965	2,475	1,065	1,318	169	46	526
Sitka ^a	1,010	894	973	119	636	632	1,806	323	886	643	2,455	4,059
Juneau	482	658	1,164	986	203	471	349	729	578	1,603	793	1,328
Haines-Skagway	278	73	131	146	14	420	893	486	143	123	143	463
Glacier Bay ^a	2,641	11	139	97	276	1,404	708	1,440	10,239	981	219	811
Yakutat	60	12	122	0	0	74	146	71	58	293	43	1,166
Total	6,108	3,940	5,291	2,413	2,215	5,428	7,960	5,527	13,977	5,046	4,165	10,744
Southcentral												
North Gulf Coast/Prince William Sound ^b	4,943	2,297	8,042	14,031	2,620	6,351	4,978	4,452	3,528	2,431	1,007	3,535
Knik Arm	45	53	305	117	26	30	0	373	0	34	0	21
Anchorage	764	13	618	149	217	430	24	345	98	38	475	886
Susitna River drainage ^c	17	0	0	179	31	741	1,653	3,473	2,205	15	158	283
West Cook Inlet ^d	35	7	70	53	236	0	98	0	10	0	0	0
Kenai Peninsula-Cook Inlet ^{bd}	2,392	2,171	6,041	6,106	1,968	2,171	2,294	1,752	2,221	2,631	1,479	6,338
Kodiak	1,170	346	1,319	2,435	635	425	627	153	239	110	161	1,058
Naknek River-Alaska Peninsula	354	366	265	5,282	24	75	1,629	476	17	656	0	819
Kvichak River drainage	0	0	134	233	0	0	49	12	0	0	0	399
Nushagak, Wood River, and Togiak	0	66	11	18	198	66	41	480	0	0	0	21
Total	9,720	5,319	16,805	28,603	5,955	10,289	11,393	11,516	8,318	5,915	3,280	13,360
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage	0	0	22	207	54	104	0	16	9	17	0	18
Tanana River drainage	104	0	385	78	251	18	239	168	94	17	0	0
Kuskokwim River and Bay drainages	0	27	0	0	0	189	0	0	51	17	9	72
Seward Peninsula-Norton Sound	924	2,546	196	3,385	225	46	49	0	9	315	0	0
Northwest Alaska	152	300	93	178	0	15	684	12	60	179	187	360
Yukon River drainage	0	0	0	258	0	9	147	181	27	117	9	219
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	18	60
Total	1,180	2,873	696	4,106	530	381	1,119	377	250	662	223	729
Alaska Total	17,008	12,132	22,792	35,122	8,700	16,098	20,472	17,420	22,545	11,623	7,668	24,833

Note: Other fish are species that could not be determined, or species that were incidental.

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b In 2001 the North Gulf Coast/Prince William Sound Area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^c In 2004, The Susitna River drainage Area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula-Cook Inlet Area). West side Cook Inlet Area (N) only includes freshwater lakes and streams.

**AREA TABLES: HARVEST ESTIMATES BY SPORT FISH
AREA AND THEIR STANDARD ERRORS**

Table 2.42.—Ketchikan Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KI ^b	KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	HA	LC	PC	RF	Other ^c
SALTWATER:																			
Boat—East, West Behm Canals	9,818	26,554	0	1,496	23,279	14	11,519	922	0	0	0	0	0	0	4,649	300	250	4,954	21
Boat—Bell Island	367	1,097	0	101	239	42	136	35	15	0	0	0	0	0	318	29	0	175	0
Boat—Carroll Inlet	1,085	1,844	39	229	296	0	290	74	0	0	0	0	0	0	33	13	14	538	9
Boat—Clarence Strait	1,905	5,696	39	567	3,509	156	1,307	35	0	0	0	9	0	0	2,693	276	211	1,153	28
Boat—Duke Island	747	2,021	0	151	1,233	0	411	52	0	0	0	0	0	0	1,984	100	67	450	42
Boat—Clover Pass	510	1,443	0	61	1,599	0	376	11	0	0	0	0	0	0	66	13	0	343	9
Boat—Herring Cove	1,149	1,308	280	493	300	0	226	26	0	0	0	0	0	0	0	0	12	348	0
Boat—Knudsen Cove	867	1,370	0	31	1,040	0	379	31	0	0	0	0	0	0	165	13	0	42	0
Boat—Mountain Point	4,885	9,121	116	1,207	2,658	0	2,268	164	0	0	0	0	0	0	1,381	101	251	2,443	82
Boat—Nichols Passage	541	3,105	27	315	155	0	199	26	0	0	0	0	0	0	1,498	0	47	238	0
Boat—Revillagigedo Channel	1,419	2,360	0	111	1,337	42	609	0	15	0	0	0	0	0	1,494	117	0	1,419	0
Boat—Terminal Harvest Area—Ketchikan	4,793	8,366	599	1,025	4,617	459	2,513	108	0	0	0	0	0	0	1,644	66	152	1,249	9
Boat—Tongass Narrows	1,137	2,531	39	174	2,137	0	1,039	24	0	0	0	0	0	0	554	0	12	272	0
Boat—Yes Bay	1,374	2,580	0	152	1,261	0	680	208	30	0	0	0	0	0	892	40	40	590	44
Boat—Other	997	2,357	52	122	1,568	0	467	97	0	0	0	0	0	0	2,123	78	64	351	0
Shoreline—Herring Cove	1,539	4,915	545	3,000	1,012	0	378	0	0	0	0	0	0	0	0	0	24	154	0
Shoreline—Other	676	2,063	0	44	506	0	1,579	0	0	0	0	0	0	0	66	0	0	44	0
SALTWATER TOTAL	27,901	78,731	1,736	9,279	46,746	713	24,376	1,813	60	0	0	9	0	0	19,560	1,146	1,144	14,763	244
FRESHWATER:																			
Ketchikan Creek	865	1,595	0	15	87	0	506	0	49	0	0	0	0	0	0	0	0	0	0
Naha River	552	1,483	0	0	10	0	0	0	0	0	181	95	0	0	0	0	0	0	0
Ward Cove Creek	1,241	3,266	0	0	498	14	122	0	27	0	33	9	0	0	0	0	0	0	0
White River	312	312	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	277	670	0	0	103	0	23	22	407	0	0	0	0	0	0	0	0	0	0
Lakes	933	2,368	0	0	20	0	72	0	199	0	243	192	0	0	0	0	0	0	0
FRESHWATER TOTAL	3,682	9,694	0	15	718	14	723	22	682	0	457	296	0	0	0	0	0	0	0
GRAND TOTAL	30,304	88,425	1,736	9,294	47,464	727	25,099	1,835	742	0	457	305	0	0	19,560	1,146	1,144	14,763	244

Note: Ketchikan (Area A): All waters of Alaska, including drainages, from Portland Inlet to, but not including, Ernest Sound; including Duke, Annette, and Gravina islands.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.43.—Ketchikan Area standard errors of sport fish harvest and effort by fisheries and species, 2008.

Area Fished	Days Fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	HA	LC	PC	RF	Other ^b
SALTWATER:																		
Boat—East, West Behm Canals	2,657	0	270	3,130	14	2,158	249	0	0	0	0	0	0	656	75	94	843	15
Boat—Bell Island	412	0	65	124	44	66	24	15	0	0	0	0	0	163	20	0	84	0
Boat—Carroll Inlet	481	40	122	115	0	140	53	0	0	0	0	0	0	34	13	14	262	9
Boat—Clarence Strait	893	29	206	705	142	363	19	0	0	0	8	0	0	635	160	116	364	28
Boat—Duke Island	624	0	69	410	0	187	52	0	0	0	0	0	0	570	47	50	173	42
Boat—Clover Pass	398	0	60	493	0	201	11	0	0	0	0	0	0	66	13	0	197	9
Boat—Herring Cove	240	144	182	130	0	95	18	0	0	0	0	0	0	0	0	12	310	0
Boat—Knudsen Cove	333	0	30	373	0	173	22	0	0	0	0	0	0	90	14	0	32	0
Boat—Mountain Point	1,195	46	280	564	0	452	61	0	0	0	0	0	0	385	40	121	555	80
Boat—Nichols Passage	2,744	19	289	86	0	108	25	0	0	0	0	0	0	1,419	0	48	208	0
Boat—Revillagigedo Channel	402	0	62	415	43	252	0	15	0	0	0	0	0	432	62	0	573	0
Boat—Terminal Harvest Area—Ketchikan	1,384	222	387	978	213	465	42	0	0	0	0	0	0	375	36	62	334	9
Boat—Tongass Narrows	674	38	73	1,018	0	647	17	0	0	0	0	0	0	187	0	12	136	0
Boat—Yes Bay	490	0	67	364	0	217	104	31	0	0	0	0	0	227	24	23	186	33
Boat—Other	521	37	60	427	0	253	69	0	0	0	0	0	0	626	38	39	151	0
Shoreline—Herring Cove	1,303	376	1,095	678	0	175	0	0	0	0	0	0	0	0	0	17	83	0
Shoreline—Other	652	0	33	370	0	635	0	0	0	0	0	0	0	65	0	0	44	0
SALTWATER TOTAL	4,899	474	1,302	3,751	267	2,520	301	38	0	0	8	0	0	2,069	207	228	1,416	102
FRESHWATER:																		
Ketchikan Creek	465	0	15	52	0	232	0	49	0	0	0	0	0	0	0	0	0	0
Naha River	462	0	0	9	0	0	0	0	0	126	59	0	0	0	0	0	0	0
Ward Cove Creek	1,001	0	0	223	14	66	0	19	0	23	9	0	0	0	0	0	0	0
White River	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	289	0	0	78	0	23	16	255	0	0	0	0	0	0	0	0	0	0
Lakes	500	0	0	14	0	57	0	156	0	156	102	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,365	0	15	243	14	253	16	297	0	202	116	0	0	0	0	0	0	0
GRAND TOTAL	5,060	474	1,303	3,753	266	2,527	301	301	0	202	117	0	0	2,069	207	228	1,416	102

Note: Ketchikan (Area A): All waters of Alaska, including drainages, from Portland Inlet to, but not including, Ernest Sound; including Duke, Annette, and Gravina islands.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Appendix C3 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.44.—Prince of Wales Island Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days																	
	Anglers ^a	Fished	KI ^b	KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	SM	HA	LC	PC	RF	Other ^c
SALTWATER:																		
Boat–Thorne Bay	451	3,004	0	0	197	169	405	0	17	0	0	0	0	113	40	113	409	0
Boat–Eastside Prince of Wales Island	4,952	21,387	0	836	19,461	508	6,089	400	167	0	0	70	0	9,234	701	1,856	5,405	73
Boat–Westside Prince of Wales Island	8,370	31,269	0	2,289	35,167	90	3,250	316	76	0	0	26	0	24,389	2,889	1,457	21,033	94
Boat–Craig Area	485	1,053	0	39	798	39	9	39	0	0	0	0	0	961	160	94	602	0
Boat–Noyes Island	497	1,172	0	148	1,111	0	45	0	0	0	0	0	0	1,218	147	0	716	0
Boat–Waterfall Bay	1,552	3,962	0	525	4,232	0	221	13	0	0	0	0	0	4,307	546	106	1,805	55
Boat–Other	312	629	0	57	85	0	1,177	0	0	0	0	0	0	411	52	14	631	0
Shoreline–Neck Lake Outlet Terminal Fishery	343	1,010	0	0	1,474	0	135	0	33	0	0	0	0	0	0	0	0	0
Shoreline–Other	466	1,161	0	0	659	0	164	0	17	0	0	0	0	299	0	0	290	0
SALTWATER TOTAL	15,832	64,647	0	3,894	63,184	806	11,495	768	310	0	0	96	0	40,932	4,535	3,640	30,891	222
FRESHWATER:																		
Black Bear Creek	336	600	0	0	62	0	124	0	12	0	61	18	0	0	0	0	0	0
Eagle Creek	633	1,311	0	0	98	0	144	0	107	16	19	0	0	0	0	0	0	0
Harris River	552	1,180	0	0	455	0	18	0	138	0	36	0	0	0	0	0	0	0
Karta River	373	854	0	0	77	50	90	0	0	0	0	0	0	0	0	0	0	0
Klawock River	1,254	3,105	0	0	3,997	0	272	13	99	0	0	0	0	0	0	0	0	0
Staney Creek	1,012	1,709	0	0	337	0	153	15	328	0	0	0	0	0	0	0	0	0
Thorne System (Stream, Lake)	2,001	4,661	0	0	1,736	86	482	0	675	18	115	172	0	0	0	0	0	0
Other Streams	1,417	3,800	0	0	1,006	395	1,904	13	153	0	114	161	0	0	0	0	0	0
Lakes	542	1,267	0	0	920	0	135	0	163	0	0	78	0	0	0	0	0	0
FRESHWATER TOTAL	4,520	18,487	0	0	8,688	531	3,322	41	1,675	34	345	429	0	0	0	0	0	0
GRAND TOTAL	17,693	83,134	0	3,894	71,872	1,337	14,817	809	1,985	34	345	525	0	40,932	4,535	3,640	30,891	222

Note Prince of Wales Island (Area B): All waters of Alaska, including drainages, from Cape Chacon to Sumner Strait, and from Clarence Island westward, including Forester Island.

Note Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.45.—Prince of Wales Island Area standard errors of sport fish harvest and effort by fisheries and species, 2008.

Area Fished	Days Fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	SM	HA	LC	PC	RF	Other ^b
SALTWATER:																	
Boat—Thorne Bay	1,328	0	0	90	171	276	0	17	0	0	0	0	73	30	94	279	0
Boat—Eastside Prince of Wales Island	2,825	0	177	3,993	315	1,501	118	174	0	0	73	0	1,041	148	532	913	48
Boat—Westside Prince of Wales Island	2,783	0	407	3,049	55	577	175	54	0	0	25	0	1,954	293	338	2,145	56
Boat—Craig Area	331	0	39	504	39	9	38	0	0	0	0	0	414	91	95	329	0
Boat—Noyes Island	313	0	77	544	0	27	0	0	0	0	0	0	382	67	0	251	0
Boat—Waterfall Bay	533	0	137	971	0	109	13	0	0	0	0	0	666	97	58	484	35
Boat—Other	229	0	42	64	0	1,135	0	0	0	0	0	0	177	26	14	409	0
Shoreline—Neck Lake Outlet Terminal Fishery	277	0	0	543	0	121	0	34	0	0	0	0	0	0	0	0	0
Shoreline—Other	371	0	0	417	0	167	0	17	0	0	0	0	299	0	0	275	0
SALTWATER TOTAL	4,319	0	470	5,361	360	2,064	217	185	0	0	78	0	2,420	354	635	2,468	82
FRESHWATER:																	
Black Bear Creek	188	0	0	50	0	66	0	12	0	45	19	0	0	0	0	0	0
Eagle Creek	508	0	0	57	0	107	0	79	15	19	0	0	0	0	0	0	0
Harris River	321	0	0	284	0	18	0	84	0	38	0	0	0	0	0	0	0
Karta River	448	0	0	46	51	91	0	0	0	0	0	0	0	0	0	0	0
Klawock River	552	0	0	1,083	0	144	13	61	0	0	0	0	0	0	0	0	0
Staney Creek	321	0	0	153	0	98	16	185	0	0	0	0	0	0	0	0	0
Thorne System (Stream, Lake)	781	0	0	471	87	305	0	264	18	71	98	0	0	0	0	0	0
Other Streams	781	0	0	251	224	1,184	13	83	0	94	74	0	0	0	0	0	0
Lakes	480	0	0	422	0	123	0	86	0	0	45	0	0	0	0	0	0
FRESHWATER TOTAL	1,572	0	0	1,360	243	1,252	23	366	24	131	131	0	0	0	0	0	0
GRAND TOTAL	4,651	0	470	5,456	439	2,451	218	409	24	131	152	0	2,420	354	635	2,468	82

Note: Prince of Wales Island (Area B): All waters of Alaska, including drainages, from Cape Chacon to Sumner Strait, and from Clarence Island westward, including Forester Island.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Appendix C3 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.46.—Kake, Petersburg, Wrangell, Stikine Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days		KI ^b	KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	LC	RF	Other ^c
		Fished																		
SALTWATER:																				
Boat–Frederick Sound near Petersburg	2,923	8,452	0	628	1,212	0	38	0	0	0	0	0	0	0	0	447	6,202	93	1,367	0
Boat–Terminal Harvest Area near Petersburg	403	1,363	52	70	0	0	0	0	0	0	0	0	0	0	0	911	27	0	0	9
Boat–Rest of Petersburg Area	951	2,663	0	54	486	0	54	0	450	0	0	0	0	0	0	0	1,976	13	253	0
Boat–Wrangell Narrows	2,366	7,559	298	1,331	541	0	85	22	61	0	0	0	0	0	0	0	1,955	0	100	0
Boat–Kake Area	601	1,543	0	0	71	0	54	0	0	0	0	0	0	0	0	0	1,144	13	1,752	0
Boat–Greys Pass / Banana Point	385	1,001	0	397	19	0	0	0	0	0	0	0	0	0	0	0	312	0	29	0
Boat–Sumner Strait–Strait Island to Greys Pass	1,929	4,660	0	613	1,069	65	54	0	59	0	0	0	0	0	0	0	3,878	0	507	0
Boat–Wrangell Area	1,806	7,705	0	1,544	1,515	594	419	0	320	0	0	0	0	0	0	40	1,999	13	456	0
Boat–Snow Passage	350	727	0	52	44	0	0	0	0	0	0	0	0	0	0	0	357	13	129	0
Boat–Thomas Bay	473	1,176	0	57	111	0	0	0	0	0	0	0	0	0	0	0	530	0	85	0
Boat–Other	647	1,691	0	46	883	13	389	11	0	0	0	0	0	0	0	7	899	37	651	0
Shoreline	413	1,744	0	13	212	0	11	11	0	0	0	0	0	0	0	0	0	0	0	37
SALTWATER TOTAL	9,121	40,284	350	4,805	6,163	672	1,104	44	890	0	0	0	0	0	0	1,405	19,279	182	5,329	46
FRESHWATER:																				
Blind Slough (in Wrangell Narrows)	588	2,393	65	449	202	0	0	0	98	0	0	0	0	0	0	0	0	0	0	0
Petersburg Creek	270	1,051	0	0	141	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0
Other Streams	1,099	3,352	0	0	537	91	91	0	268	0	22	403	0	0	0	0	0	0	0	0
Lakes	573	2,192	0	0	0	0	0	0	17	0	46	504	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	2,034	8,988	65	449	880	91	91	0	383	0	68	933	0	0	0	0	0	0	0	0
GRAND TOTAL	9,761	49,272	415	5,254	7,043	763	1,195	44	1,273	0	68	933	0	0	0	1,405	19,279	182	5,329	46

Note: Kake, Petersburg, Wrangell, Stikine (Area C): All waters of Alaska, including drainages, from Ernest Sound to Cape Fanshaw, including Wrangell, Etolin, Zarembo, Mitkof, Kupreanof, Kuiu, and Coronation islands, and Ernest Sound.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.47.—Kake, Petersburg, Wrangell, Stikine Area standard errors of sport fish harvest and effort by fisheries and species, 2008.

Area Fished	Days Fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	LC	RF	Other ^b
SALTWATER:																		
Boat—Frederick Sound near Petersburg	1,478	0	180	356	0	24	0	0	0	0	0	0	0	320	993	47	637	0
Boat—Terminal Harvest Area near Petersburg	471	42	47	0	0	0	0	0	0	0	0	0	0	875	28	0	0	9
Boat—Rest of Petersburg Area	520	0	33	205	0	40	0	330	0	0	0	0	0	0	486	13	143	0
Boat—Wrangell Narrows	1,288	116	380	183	0	53	23	61	0	0	0	0	0	0	412	0	69	0
Boat—Kake Area	359	0	0	38	0	46	0	0	0	0	0	0	0	0	399	13	612	0
Boat—Greys Pass / Banana Point	377	0	204	20	0	0	0	0	0	0	0	0	0	0	131	0	29	0
Boat—Sumner Strait—Strait Island to Greys Pass	626	0	226	323	64	46	0	60	0	0	0	0	0	0	597	0	361	0
Boat—Wrangell Area	1,447	0	452	563	445	338	0	328	0	0	0	0	0	41	753	13	252	0
Boat—Snow Passage	226	0	41	45	0	0	0	0	0	0	0	0	0	0	134	14	134	0
Boat—Thomas Bay	403	0	42	81	0	0	0	0	0	0	0	0	0	0	223	0	52	0
Boat—Other	397	0	36	404	13	184	11	0	0	0	0	0	0	7	247	22	365	0
Shoreline	924	0	13	146	0	11	11	0	0	0	0	0	0	0	0	0	0	38
SALTWATER TOTAL	2,917	123	688	921	449	390	28	463	0	0	0	0	0	944	1,581	59	1,114	39
FRESHWATER:																		
Blind Slough (in Wrangell Narrows)	782	34	183	86	0	0	0	77	0	0	0	0	0	0	0	0	0	0
Petersburg Creek	539	0	0	86	0	0	0	0	0	0	18	0	0	0	0	0	0	0
Other Streams	1,079	0	0	198	78	91	0	175	0	22	172	0	0	0	0	0	0	0
Lakes	935	0	0	0	0	0	0	16	0	32	184	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,729	34	183	229	78	91	0	193	0	37	259	0	0	0	0	0	0	0
GRAND TOTAL	3,394	128	707	951	457	398	28	500	0	37	259	0	0	944	1,581	59	1,114	39

Note: Kake, Petersburg, Wrangell, Stikine (Area C): All waters of Alaska, including drainages, from Ernest Sound to Cape Fanshaw, including Wrangell, Etolin, Zarembo, Mitkof, Kupreanof, Kuiu, and Coronation islands, and Ernest Sound.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Appendix C3 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.48.—Sitka Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days																		
	Anglers ^a	Fished	KI ^b	KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	LC	RF	Other ^c
SALTWATER:																			
Boat–Terminal Harvest Area–Hidden Bay	395	5,224	0	192	2,969	0	18	0	611	0	0	0	0	0	0	172	0	109	0
Boat–Baranof Island East Side	1,685	5,159	0	516	1,839	103	25	266	46	0	0	0	0	0	184	2,665	159	1,478	11
Boat–Salisbury Sound	4,380	9,047	0	2,029	9,172	0	481	22	0	0	0	0	0	0	0	4,282	517	7,740	0
Boat–Kruzof Island Outer Coast	4,860	10,101	0	3,221	10,658	0	298	96	0	0	0	0	0	0	0	8,977	636	12,792	247
Boat–Sitka Sound	16,388	36,067	52	7,753	22,981	154	2,201	919	425	0	0	0	0	0	1,012	17,420	1,730	26,259	1,923
Boat–Terminal Harvest Area–Silver Bay	956	1,679	26	353	395	17	108	13	178	0	0	0	0	0	0	117	26	127	0
Boat–Biorka Island	949	1,582	0	390	1,417	0	205	52	0	0	0	0	0	0	0	983	74	1,001	0
Boat–Necker Bay	294	429	0	26	409	30	29	22	0	0	0	0	0	0	0	466	54	689	0
Boat–Southwest Baranof Island	421	747	0	156	803	17	27	26	0	0	0	0	0	0	0	801	50	632	0
Boat–Tenakee Area	812	2,413	0	64	486	0	53	22	0	0	0	0	0	0	0	959	0	333	33
Boat–Peril Strait	365	502	0	0	10	0	0	0	0	0	0	0	0	0	0	111	27	15	0
Boat–Chichagof Island West Side	603	1,577	0	238	562	0	11	31	0	0	0	0	0	0	0	359	96	795	9
Boat–Other	912	2,615	0	249	929	41	100	0	0	0	0	0	0	0	0	404	53	930	0
Shoreline–Sitka Road System	981	3,076	0	44	372	17	925	26	119	0	0	0	0	0	0	43	30	514	214
Shoreline–Other	648	1,526	0	28	165	0	113	78	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	28,032	81,744	78	15,259	53,167	379	4,594	1,573	1,379	0	0	0	0	0	1,196	37,759	3,452	53,414	2,437
FRESHWATER:																			
Streams	1,098	3,093	0	0	157	0	114	0	54	0	0	174	0	0	0	0	0	0	18
Lakes	631	1,507	0	0	77	28	0	0	293	0	67	150	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,577	4,600	0	0	234	28	114	0	347	0	67	324	0	0	0	0	0	0	18
GRAND TOTAL	28,483	86,344	78	15,259	53,401	407	4,708	1,573	1,726	0	67	324	0	0	1,196	37,759	3,452	53,414	2,455

Note: Sitka (Area D): All Alaska marine and fresh waters within the Sitka Borough boundary and north to the southern limit of the Glacier Bay area. Islands in this area include, but are not limited to, Baranof, Kruzof, Catherine, and the southern half of Chichagof.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.49.—Sitka Area standard errors of sport fish harvest and effort by fisheries and species, 2008.

Area Fished	Days Fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	LC	RF	Other ^b
SALTWATER:																		
Boat—Terminal Harvest Area—Hidden Bay	3,388	0	111	1,666	0	19	0	479	0	0	0	0	0	0	90	0	78	0
Boat—Baranof Island East Side	785	0	144	472	70	18	151	46	0	0	0	0	0	180	677	54	364	11
Boat—Salisbury Sound	803	0	281	1,109	0	136	23	0	0	0	0	0	0	0	500	97	1,088	0
Boat—Kruzof Island Outer Coast	814	0	365	1,524	0	86	48	0	0	0	0	0	0	0	881	117	1,534	183
Boat—Sitka Sound	2,272	54	621	1,887	69	352	291	275	0	0	0	0	0	1,021	1,235	197	2,145	1,918
Boat—Terminal Harvest Area—Silver Bay	416	18	171	256	17	97	13	181	0	0	0	0	0	0	64	19	79	0
Boat—Biorka Island	303	0	137	489	0	118	52	0	0	0	0	0	0	0	317	50	350	0
Boat—Necker Bay	158	0	19	204	30	21	24	0	0	0	0	0	0	0	165	39	329	0
Boat—Southwest Baranof Island	200	0	79	391	17	20	19	0	0	0	0	0	0	0	286	26	362	0
Boat—Tenakee Area	740	0	32	172	0	32	15	0	0	0	0	0	0	0	319	0	145	28
Boat—Peril Strait	184	0	0	10	0	0	0	0	0	0	0	0	0	0	62	27	15	0
Boat—Chichagof Island West Side	435	0	81	253	0	11	30	0	0	0	0	0	0	0	151	44	287	9
Boat—Other	935	0	93	307	32	84	0	0	0	0	0	0	0	0	150	33	369	0
Shoreline—Sitka Road System	983	0	33	168	17	473	26	92	0	0	0	0	0	0	30	24	266	193
Shoreline—Other	419	0	20	79	0	92	77	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	4,718	57	856	3,351	109	640	356	592	0	0	0	0	0	1,047	1,809	270	2,949	1,928
FRESHWATER:																		
Streams	668	0	0	160	0	84	0	38	0	0	93	0	0	0	0	0	0	12
Lakes	371	0	0	38	27	0	0	221	0	41	131	0	0	0	0	0	0	0
FRESHWATER TOTAL	754	0	0	164	27	84	0	225	0	41	161	0	0	0	0	0	0	12
GRAND TOTAL	4,754	57	856	3,365	114	644	356	628	0	41	161	0	0	1,047	1,809	270	2,949	1,928

Note: Sitka (Area D): All Alaska marine and fresh waters within the Sitka Borough boundary and north to the southern limit of the Glacier Bay area. Islands in this area include, but are not limited to, Baranof, Kruzof, Catherine, and the southern half of Chichagof.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.50.—Juneau Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KI ^b	KS ^b	SS	LS	RS	PS	CS	DV	SH	RT	CT	BT	SM	HA	LC	PC	RF	Other ^c
SALTWATER:																				
Boat—Auke Bay	801	1,013	13	90	67	0	0	18	67	15	0	0	13	0	0	333	0	0	28	74
Boat—Angoon Area	1,019	3,810	0	205	2,802	0	252	956	141	45	0	0	0	0	337	3,385	13	575	1,426	0
Boat—Saltwater near Juneau	14,187	49,786	131	4,210	9,199	0	571	1,870	857	619	16	0	0	0	20	13,058	72	1,052	3,722	625
Boat—Lower Stephens Passage	2,166	4,990	0	772	794	0	812	232	39	94	0	0	0	0	0	2,170	40	28	769	53
Boat—Juneau Terminal Harvest Area	4,053	12,451	88	2,235	759	0	26	168	297	168	0	0	0	0	0	1,416	0	156	242	0
Boat—Other	480	649	0	39	167	0	0	9	22	0	0	0	0	0	0	303	0	27	157	0
Shoreline—Juneau Terminal Harvest Area	501	1,328	15	0	372	0	0	0	0	335	0	0	0	0	0	0	0	0	0	9
Shoreline—Auke Creek Mouth	356	1,196	0	0	0	0	0	0	45	0	0	0	0	0	0	0	0	0	0	11
Shoreline—Macaulay Hatchery—DIPAC	1,507	3,529	13	306	2,272	0	0	184	124	48	0	0	0	0	0	0	0	0	0	21
Shoreline—Other Juneau Road System	1,886	10,639	28	598	1,093	0	50	375	647	767	0	0	0	0	0	0	0	0	0	0
Shoreline—Other	608	1,244	0	11	188	0	0	141	31	329	0	0	27	0	0	0	0	0	0	0
SALTWATER TOTAL	22,453	90,635	288	8,466	17,713	0	1,711	3,953	2,270	2,420	16	0	40	0	357	20,665	125	1,838	6,344	793
FRESHWATER:																				
Cowee Creek	917	2,222	0	0	468	0	0	204	0	139	0	0	0	0	0	0	0	0	0	0
Fish Creek (Douglas Island)	1,099	2,215	126	1,472	24	0	0	16	15	31	0	0	0	0	0	0	0	0	0	0
Peterson Creek and Salt Chuck	805	1,475	0	0	38	0	0	9	126	61	0	0	14	0	0	0	0	0	0	0
Montana Creek	819	2,796	0	0	245	0	0	0	0	92	0	0	0	0	0	0	0	0	0	0
Other Juneau Road System	407	1,289	0	142	0	0	167	0	0	49	0	0	0	0	0	0	0	0	0	0
Greens Creek	343	360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	1,301	1,746	0	0	90	0	678	190	44	373	0	0	33	0	0	0	0	0	0	0
Twin Lakes	362	1,079	0	0	0	404	0	0	0	0	0	0	44	0	0	0	0	0	0	0
Other Lakes	407	630	0	30	0	0	0	0	0	63	0	0	9	0	0	0	0	0	0	0
FRESHWATER TOTAL	4,799	13,812	126	1,644	865	404	845	419	185	808	0	0	100	0	0	0	0	0	0	0
GRAND TOTAL	24,497	104,447	414	10,110	18,578	404	2,556	4,372	2,455	3,228	16	0	140	0	357	20,665	125	1,838	6,344	793

Note: Juneau (Area E): All waters of Alaska, including drainages, from Cape Fanshaw to Point Sherman, including Berners Bay, Lynn Canal south of a line from Point Sherman to the Haines Borough boundary, Point Sherman, and all of Admiralty Island.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

^d Marine waters east of a line from Pt. Louisa to the eastern shore of Portland Island, to the north tip of Outer Point on Douglas Island, and the waters west of the Juneau-Douglas Bridge.

Table 2.51.—Juneau Area standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KI ^a	KS ^a	SS	LS	RS	PS	CS	DV	SH	RT	CT	BT	SM	HA	LC	PC	RF	Other ^b
SALTWATER:																			
Boat—Auke Bay	241	13	39	44	0	0	18	65	15	0	0	13	0	0	257	0	0	29	73
Boat—Angoon Area	952	0	105	794	0	176	532	73	44	0	0	0	0	338	848	14	267	401	0
Boat—Saltwater near Juneau	4,332	69	833	1,169	0	412	436	247	242	16	0	0	0	20	1,454	35	245	706	285
Boat—Lower Stephens Passage	894	0	367	235	0	716	162	30	55	0	0	0	0	0	566	24	29	293	44
Boat—Juneau Terminal Harvest Area	2,006	34	539	199	0	26	83	95	124	0	0	0	0	0	347	0	93	146	0
Boat—Other	294	0	29	110	0	0	9	23	0	0	0	0	0	0	159	0	28	139	0
Shoreline—Juneau Terminal Harvest Area	456	15	0	221	0	0	0	0	287	0	0	0	0	0	0	0	0	0	10
Shoreline—Auke Creek Mouth	578	0	0	0	0	0	0	43	0	0	0	0	0	0	0	0	0	0	10
Shoreline—Macaulay Hatchery—DIPAC	736	14	133	747	0	0	112	72	35	0	0	0	0	0	0	0	0	0	21
Shoreline—Other Juneau Road System	3,487	20	253	611	0	50	164	620	251	0	0	0	0	0	0	0	0	0	0
Shoreline—Other	299	0	11	155	0	0	91	30	186	0	0	26	0	0	0	0	0	0	0
SALTWATER TOTAL	6,146	82	1,108	1,794	0	846	749	682	490	16	0	29	0	339	1,830	44	377	910	298
FRESHWATER:																			
Cowee Creek	478	0	0	186	0	0	123	0	63	0	0	0	0	0	0	0	0	0	0
Fish Creek (Douglas Island)	523	114	669	17	0	0	16	15	30	0	0	0	0	0	0	0	0	0	0
Peterson Creek and Salt Chuck	341	0	0	22	0	0	9	113	61	0	0	14	0	0	0	0	0	0	0
Montana Creek	947	0	0	110	0	0	0	0	53	0	0	0	0	0	0	0	0	0	0
Other Juneau Road System	588	0	149	0	0	77	0	0	36	0	0	0	0	0	0	0	0	0	0
Greens Creek	109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	288	0	0	62	0	436	169	44	153	0	0	20	0	0	0	0	0	0	0
Twin Lakes	423	0	0	0	339	0	0	0	0	0	0	43	0	0	0	0	0	0	0
Other Lakes	176	0	31	0	0	0	0	0	44	0	0	9	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,479	114	685	228	339	444	203	121	199	0	0	51	0	0	0	0	0	0	0
GRAND TOTAL	6,337	140	1,298	1,812	339	935	775	698	517	16	0	59	0	339	1,830	44	377	910	298

Note: Juneau (Area E): All waters of Alaska, including drainages, from Cape Fanshaw to Point Sherman, including Berners Bay, Lynn Canal south of a line from Point Sherman to the Haines Borough boundary, Point Sherman, and all of Admiralty Island.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.52.—Haines-Skagway Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KI ^b	KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	HA	LC	PC	RF	Other ^c
SKAGWAY SUB-AREA																			
SALTWATER:																			
Boat–Taiya Inlet	1,712	2,459	0	344	14	0	9	0	149	0	0	0	0	0	104	0	0	28	0
Shoreline–Taiya Inlet	105	258	0	28	0	0	45	0	15	0	0	0	0	0	0	0	0	0	63
SALTWATER TOTAL	1,801	2,717	0	372	14	0	54	0	164	0	0	0	0	0	104	0	0	28	63
FRESHWATER:																			
Streams	242	510	15	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0
Lakes	71	143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	313	653	15	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0
SKAGWAY SUB-AREA TOTAL	2,026	3,370	15	372	14	0	81	0	164	0	0	0	0	0	104	0	0	28	63
HAINES SUB-AREA																			
SALTWATER:																			
Boat–Chilkat Inlet	481	1,161	0	13	0	103	0	0	15	0	0	0	0	0	175	0	35	0	9
Boat–Chilkoot Inlet	894	2,635	0	35	74	91	0	0	95	0	0	0	0	0	172	0	49	0	0
Boat–Other	35	99	0	15	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline	397	1,043	0	0	30	0	139	222	620	0	0	0	0	0	0	0	0	0	53
SALTWATER TOTAL	1,549	4,938	0	63	104	206	139	222	730	0	0	0	0	0	347	0	84	0	62
FRESHWATER:																			
Chilkat River drainage	1,542	5,570	0	0	738	596	303	310	1,729	0	0	271	0	0	0	0	0	0	0
Chilkoot River	1,937	5,236	0	0	401	181	285	39	487	0	0	0	0	0	0	0	0	0	0
Other Streams	135	161	0	0	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chilkoot Lake	1,551	4,201	0	0	300	117	34	13	439	13	0	71	0	0	0	0	0	0	18
FRESHWATER TOTAL	3,908	15,168	0	0	1,519	894	622	362	2,655	13	0	342	0	0	0	0	0	0	18
HAINES SUB-AREA TOTAL	4,940	20,106	0	63	1,623	1,100	761	584	3,385	13	0	342	0	0	347	0	84	0	80
GRAND TOTAL	6,622	23,476	15	435	1,637	1,100	842	584	3,549	13	0	342	0	0	451	0	84	28	143

Note: Haines-Skagway (Area F): All waters of Alaska, including drainages, from Point Sherman to the Canadian borders, including Lynn Canal and other waters north of a line from Point Sherman to Haines Borough boundary. Does not include Point Sherman.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.53.—Haines-Skagway Area standard errors of sport fish harvest and effort by fisheries and species, 2008.

Area Fished	Days Fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	HA	LC	PC	RF	Other ^b
SKAGWAY SUB-AREA																		
SALTWATER:																		
Boat–Taiya Inlet	393	0	87	14	0	9	0	98	0	0	0	0	0	59	0	0	29	0
Shoreline–Taiya Inlet	121	0	28	0	0	44	0	15	0	0	0	0	0	0	0	0	0	59
SALTWATER TOTAL	412	0	91	14	0	45	0	99	0	0	0	0	0	59	0	0	29	59
FRESHWATER:																		
Streams	240	15	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0
Lakes	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	246	15	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0
SKAGWAY SUB-AREA TOTAL	478	15	91	14	0	53	0	99	0	0	0	0	0	59	0	0	29	59
HAINES SUB-AREA																		
SALTWATER:																		
Boat–Chilkat Inlet	335	0	13	0	101	0	0	15	0	0	0	0	0	108	0	36	0	9
Boat–Chilkoot Inlet	651	0	26	76	90	0	0	58	0	0	0	0	0	71	0	30	0	0
Boat–Other	71	0	16	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline	328	0	0	30	0	99	159	387	0	0	0	0	0	0	0	0	0	53
SALTWATER TOTAL	819	0	33	83	139	99	159	392	0	0	0	0	0	130	0	48	0	54
FRESHWATER:																		
Chilkat River drainage	1,485	0	0	261	310	207	174	653	0	0	130	0	0	0	0	0	0	0
Chilkoot River	828	0	0	120	113	89	30	142	0	0	0	0	0	0	0	0	0	0
Other Streams	89	0	0	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chilkoot Lake	1,323	0	0	126	87	24	13	155	13	0	76	0	0	0	0	0	0	17
FRESHWATER TOTAL	2,123	0	0	317	333	229	177	676	13	0	156	0	0	0	0	0	0	17
HAINES SUB-AREA TOTAL	2,229	0	33	331	360	254	230	785	13	0	156	0	0	130	0	48	0	57
GRAND TOTAL	2,285	15	97	331	360	258	230	792	13	0	156	0	0	140	0	48	29	83

Note: Haines-Skagway (Area F): All waters of Alaska, including drainages, from Point Sherman to the Canadian borders, including Lynn Canal and other waters north of a line from Point Sherman to Haines Borough boundary. Does not include Point Sherman.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.54.—Glacier Bay Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KI ^b	KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	SM	HA	LC	PC	RF	Other ^c
SALTWATER:																		
Boat—Cross Sound (excl. Glacier Bay National Park)	1,605	3,634	0	226	1,900	99	213	13	0	0	0	0	0	2,343	269	0	1,755	0
Boat—Elfin Cove	419	939	0	129	414	0	0	0	0	0	0	0	0	999	107	0	557	9
Boat—Glacier Bay (Proper)	1,305	5,000	0	71	612	0	38	115	199	0	0	0	256	2,728	0	81	71	0
Boat—Glacier Bay National Park (excl. Glacier Bay)	498	1,096	0	76	19	0	23	0	0	0	0	0	0	635	35	42	71	0
Boat—Gustavus Area	1,704	4,503	0	145	1,049	28	689	93	59	0	0	0	0	5,131	39	212	419	0
Boat—Homeshore Area	1,286	3,286	0	55	2,221	52	1,594	660	15	0	0	0	0	3,553	26	611	405	0
Boat—Hoonah Area	2,308	3,985	0	117	996	13	242	22	75	0	0	6	67	2,850	0	41	470	0
Boat—Icy Strait (excluding Glacier Bay National Park)	5,949	12,103	0	207	3,258	60	947	512	101	0	0	0	0	10,689	66	65	529	203
Boat—Outer Coast Yakobi Island	640	1,473	0	619	852	0	27	15	0	0	0	0	0	999	59	0	688	0
Boat—Other	461	937	0	26	567	0	85	0	0	0	0	0	0	688	54	0	627	7
Shoreline	86	224	0	0	134	0	0	0	104	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	12,830	37,180	0	1,671	12,022	252	3,858	1,430	553	0	0	6	323	30,615	655	1,052	5,592	219
FRESHWATER:																		
Streams	841	2,971	0	0	1,017	0	9	0	1,195	0	92	31	0	0	0	0	0	0
GRAND TOTAL	13,060	40,151	0	1,671	13,039	252	3,867	1,430	1,748	0	92	37	323	30,615	655	1,052	5,592	219

Note: Glacier Bay (Area G): All waters of Alaska, including drainages, south of Cape Fairweather to and including Chichagof drainages into Icy Strait and Cross Sound, west of Point Couverden and the Haines Borough boundary, including Pleasant Island, The Sisters, and Point Couverden.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.55.—Glacier Bay Area standard errors of sport fish harvest and effort by fisheries and species, 2008.

Area Fished	Days Fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	SM	HA	LC	PC	RF	Other ^b
SALTWATER:																	
Boat—Cross Sound (excl. Glacier Bay National Park)	549	0	69	478	70	143	13	0	0	0	0	0	470	77	0	404	0
Boat—Elfin Cove	308	0	65	202	0	0	0	0	0	0	0	0	394	62	0	328	9
Boat—Glacier Bay (Proper)	1,059	0	41	383	0	23	100	120	0	0	0	249	629	0	81	37	0
Boat—Glacier Bay National Park (excl. Glacier Bay)	338	0	49	19	0	22	0	0	0	0	0	0	245	21	32	42	0
Boat—Gustavus Area	681	0	53	309	28	234	53	36	0	0	0	0	906	23	137	204	0
Boat—Homeshore Area	624	0	28	530	42	516	267	15	0	0	0	0	1,008	19	488	293	0
Boat—Hoonah Area	680	0	53	369	13	91	16	75	0	0	7	68	556	0	30	209	0
Boat—Icy Strait (excluding Glacier Bay National Park)	1,139	0	80	726	44	261	172	65	0	0	0	0	1,081	30	38	182	143
Boat—Outer Coast Yakobi Island	421	0	216	303	0	26	16	0	0	0	0	0	348	32	0	306	0
Boat—Other	321	0	26	344	0	50	0	0	0	0	0	0	251	41	0	319	7
Shoreline	111	0	0	99	0	0	0	81	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	2,121	0	265	1,328	96	654	336	179	0	0	7	260	2,170	120	511	809	143
FRESHWATER:																	
Streams	709	0	0	448	0	9	0	372	0	93	22	0	0	0	0	0	0
GRAND TOTAL	2,224	0	265	1,406	96	654	336	407	0	93	23	260	2,170	120	511	809	143

Note: Glacier Bay (Area G): All waters of Alaska, including drainages, south of Cape Fairweather to and including Chichagof drainages into Icy Strait and Cross Sound, west of Point Couverden and the Haines Borough boundary, including Pleasant Island, The Sisters, and Point Couverden.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.56.–Yakutat Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KI ^b	KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	NP	SM	HA	LC	PC	RF	Other ^c
SALTWATER:																			
Boat–Yakutat Bay	3,613	7,035	0	558	4,028	262	117	0	33	0	0	0	0	98	4,919	1,791	234	2,597	11
Boat–Other	105	243	0	28	153	0	0	0	0	0	0	0	0	0	47	13	0	39	32
Shoreline–Ankau Lagoon	274	661	0	0	288	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline–Yakutat Bay	230	391	0	26	134	78	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	3,841	8,330	0	612	4,603	340	117	0	33	0	0	0	0	98	4,966	1,804	234	2,636	43
FRESHWATER:																			
East Alsek River	507	2,418	0	0	1,231	237	90	78	106	0	0	0	0	0	0	0	0	0	0
Italio River	517	1,119	0	0	1,008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lost River	991	3,238	0	26	1,529	0	0	0	17	0	0	0	0	0	0	0	0	0	0
Situk River, above weir	2,698	7,098	0	0	1,778	1,968	250	0	137	53	0	0	0	0	0	0	0	0	0
Situk River, below weir	2,493	7,129	0	0	2,617	4,442	291	26	169	0	0	0	0	0	0	0	0	0	0
Tsiu River	698	2,178	0	0	3,317	0	36	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams and Lakes	723	2,838	0	52	1,591	15	0	0	33	0	0	14	0	0	0	0	0	0	0
FRESHWATER TOTAL	6,033	26,018	0	78	13,071	6,662	667	104	462	53	0	14	0	0	0	0	0	0	0
GRAND TOTAL	7,171	34,348	0	690	17,674	7,002	784	104	495	53	0	14	0	98	4,966	1,804	234	2,636	43

Note: Yakutat (Area H): All waters of Alaska, including drainages, from but not including, Cape Suckling to and including Cape Fairweather.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b KS is Chinook salmon 28 inches and over in saltwater; Chinook salmon 20 inches and over in freshwater.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.57.—Yakutat Area standard errors of sportfish harvest and effort by fisheries and species, 2008.

Area Fished	Days Fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	NP	SM	HA	LC	PC	RF	Other ^b
SALTWATER:																		
Boat—Yakutat Bay	772	0	156	751	213	68	0	34	0	0	0	0	99	597	247	110	511	11
Boat—Other	133	0	20	100	0	0	0	0	0	0	0	0	0	35	13	0	39	30
Shoreline—Ankau Lagoon	218	0	0	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline—Yakutat Bay	140	0	18	115	81	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	827	0	158	786	225	68	0	34	0	0	0	0	99	599	248	110	513	32
FRESHWATER:																		
East Alsek River	690	0	0	375	128	55	65	88	0	0	0	0	0	0	0	0	0	0
Italio River	245	0	0	295	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lost River	1,329	0	25	412	0	0	0	17	0	0	0	0	0	0	0	0	0	0
Situk River, above weir	851	0	0	359	949	162	0	76	41	0	0	0	0	0	0	0	0	0
Situk River, below weir	881	0	0	576	1,059	123	26	92	0	0	0	0	0	0	0	0	0	0
Tsiu River	409	0	0	938	0	37	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams and Lakes	951	0	41	397	15	0	0	34	0	0	14	0	0	0	0	0	0	0
FRESHWATER TOTAL	2,240	0	48	1,366	1,441	217	70	153	41	0	14	0	0	0	0	0	0	0
GRAND TOTAL	2,375	0	166	1,553	1,476	226	70	156	41	0	14	0	99	599	248	110	513	32

Note: Yakutat (Area H): All waters of Alaska, including drainages, from but not including, Cape Suckling to and including Cape Fairweather.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Appendix C3 for common names and species abbreviations.

^a KS is Chinook salmon 28 inches and over in saltwater; Chinook salmon 20 inches and over in freshwater.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.58.—Upper Copper River drainages sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers	Days Fished	KS	SS	LS	RS	LT	DV	SH	RT	GR	WF	BB	Other ^b
Gulkana River (Paxson to ADFG Tower)	1,750	4,231	159	0	0	95	0	0	0	0	377	0	0	0
Gulkana River (ADFG Tower to West Fork)	999	1,939	67	0	0	0	0	0	0	0	0	0	0	0
Gulkana River (West Fork to Highway)	2,749	5,401	1,218	0	0	90	0	0	0	0	340	0	0	0
Gulkana River (Highway to Copper River)	1,760	3,045	819	0	0	116	0	0	0	0	84	0	0	0
Gulkana River (other)	921	2,075	61	0	0	274	0	0	0	0	137	0	0	0
Klutina River	4,957	12,677	1,160	0	0	10,107	0	205	0	0	17	0	0	0
Tonsina River	346	452	0	0	0	0	0	0	0	0	59	0	0	0
Other Streams	843	1,649	134	57	0	749	0	59	0	10	724	0	0	0
Paxson Lake	791	1,412	0	0	0	0	174	0	0	0	226	323	40	0
Summit Lake (near Paxson)	683	1,195	0	0	0	0	67	0	0	0	84	0	0	0
Van and Silver Lakes	436	930	0	0	0	0	0	0	0	654	17	0	0	0
Other Lakes	1,468	4,893	0	0	0	0	254	133	0	337	723	44	484	0
TOTAL	13,617	39,899	3,618	57	0	11,431	495	397	0	1,001	2,788	367	524	0

Note: Upper Copper River drainage area (I): All waters and tributaries of the Copper River upstream from a line between the south bank of Haley Creek and the south bank of Canyon Creek in Wood Canyon. Includes Van, Paxson, Summit, Strelna, Sculpin, and Hudson lakes, Gulkana River and others. Does not include Tangle Lakes (area U), and does not include Lake Louise (Area M).

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.59.—Upper Copper River drainages standard errors of sport fish harvest and effort by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	LS	RS	LT	DV	SH	RT	GR	WF	BB	Other ^a
Gulkana River (Paxson to ADFG Tower)	811	87	0	0	79	0	0	0	0	152	0	0	0
Gulkana River (ADFG Tower to West Fork)	466	56	0	0	0	0	0	0	0	0	0	0	0
Gulkana River (West Fork to Highway)	801	305	0	0	65	0	0	0	0	147	0	0	0
Gulkana River (Highway to Copper River)	678	216	0	0	50	0	0	0	0	69	0	0	0
Gulkana River (other)	553	48	0	0	216	0	0	0	0	71	0	0	0
Klutina River	1,729	213	0	0	1,825	0	115	0	0	16	0	0	0
Tonsina River	139	0	0	0	0	0	0	0	0	42	0	0	0
Other Streams	459	75	41	0	414	0	61	0	10	328	0	0	0
Paxson Lake	360	0	0	0	0	62	0	0	0	173	240	34	0
Summit Lake (near Paxson)	331	0	0	0	0	31	0	0	0	71	0	0	0
Van and Silver Lakes	336	0	0	0	0	0	0	0	280	17	0	0	0
Other Lakes	1,114	0	0	0	0	96	114	0	235	287	45	177	0
TOTAL	2,575	466	41	0	1,865	119	181	0	366	545	245	180	0

Note: Upper Copper River drainage Area (I): All waters and tributaries of the Copper River upstream from a line between the south bank of Haley Creek and the south bank of Canyon Creek in Wood Canyon. Includes Van, Paxson, Summit, Strela, Sculpin, and Hudson lakes, Gulkana River and others. Does not include Tangle Lakes (area U), and does not include Lake Louise (Area M).

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.60.–North Gulf Coast /Prince William Sound Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days		KS	SS	RS	PS	CS	DV	SH	RT	CT	GR	HA	SK	RF	LC	HCL	SHR	Other ^b
		Fished																		
SALTWATER:																				
Boat–Resurrection Bay–Trip to Seward	28,428	49,795	919	48,405	2,098	3,111	84	145	6	0	0	0	23,955	58	19,378	2,738	0	0	268	
Boat–North Gulf Coast West of Aialik Cape	6,581	11,027	230	9,080	144	524	0	0	0	0	0	0	9,119	37	8,379	1,771	0	0	44	
Boat–North Gulf Coast East of Aialik Cape	11,181	17,908	183	13,238	139	766	44	12	0	0	0	0	14,986	14	11,181	1,964	0	0	125	
Boat–West PWS–Trip to Seward	7,229	13,310	161	7,145	172	323	0	0	0	0	0	0	11,968	26	9,111	2,489	0	488	0	
Boat–Other–Trip to Seward	562	844	31	354	0	0	0	0	0	0	0	0	515	0	441	139	0	0	220	
Boat–West PWS–Trip to Whittier/Chenega/West PWS	13,621	52,597	1,839	11,154	3,852	2,520	408	160	13	0	39	0	14,501	0	19,270	2,059	0	9,570	156	
Boat–East PWS–Trip to Whittier/Chenega/West PWS	2,274	4,823	263	3,830	52	242	22	0	0	0	6	0	2,429	13	968	679	0	277	21	
Boat–West PWS–Trip to Valdez	3,602	7,993	13	2,404	309	352	0	46	0	0	19	0	3,891	29	1,690	678	0	1,386	30	
Boat–East PWS–Trip to Valdez	7,098	16,534	455	11,184	406	1,005	39	33	0	0	0	0	7,706	65	4,524	1,611	0	933	0	
Boat–Other–Trip to Valdez	624	2,438	0	1,771	0	0	0	0	0	0	0	0	1,273	0	584	59	0	285	0	
Boat–Valdez Arm–Trip to Valdez	10,400	28,819	1,054	39,753	287	3,442	0	101	0	0	0	0	2,025	19	1,915	359	0	2,255	77	
Boat–West PWS–Trip to Cordova or East PWS	889	2,011	0	833	0	169	11	89	0	0	0	0	881	0	397	62	0	190	0	
Boat–East PWS–Trip to Cordova or East PWS	1,991	5,829	30	4,501	503	507	26	46	0	0	0	0	1,517	0	702	169	0	236	19	
Boat–Other–Trip to unknown destinations	703	1,715	91	428	220	33	0	0	0	0	0	0	581	0	412	120	0	108	26	
Shoreline–Resurrection Bay (Seward)	3,953	9,751	310	1,734	3,179	1,448	1,090	0	0	0	0	0	0	0	183	0	9	0	0	
Shoreline–Passage Canal (Whittier)	1,007	2,278	14	545	185	443	153	15	0	0	0	0	0	0	45	0	0	51	7	
Shoreline–Valdez Road System	2,191	3,825	0	2,541	0	1,456	60	0	0	0	0	0	0	0	0	0	0	0	0	
Shoreline–Allison Point	5,133	10,457	15	4,113	156	11,681	160	17	0	0	0	0	0	0	0	0	0	68	0	
Shoreline–Remainder of Valdez Arm	1,953	3,354	0	2,030	145	1,287	163	0	0	0	0	0	0	14	66	13	0	0	0	
Shoreline–Orca Inlet	803	1,930	0	806	26	398	0	46	0	0	0	0	0	0	0	0	0	0	0	
Shoreline–Other	790	1,553	0	385	0	135	0	0	0	0	52	0	0	0	0	0	71	80	0	
SALTWATER TOTAL	90,315	248,791	5,608	166,234	11,873	29,842	2,260	710	19	0	116	0	95,347	275	79,246	14,910	80	15,927	993	
FRESHWATER:																				
Alaganik Slough	879	1,853	0	1,738	0	0	0	17	0	0	53	0	0	0	0	0	0	0	0	
Eyak River	2,016	6,192	0	4,714	675	0	0	101	0	0	32	0	0	0	0	0	0	0	0	
Ibeck Creek	410	820	0	620	0	16	0	283	0	0	0	0	0	0	0	0	0	0	0	
Other East Prince William Sound Streams	867	2,452	42	1,478	550	68	107	174	0	0	0	0	0	0	0	0	0	0	14	
Other Streams	618	1,431	0	156	353	204	130	385	0	0	0	0	0	0	0	0	0	0	0	
Lakes	430	797	0	76	56	81	0	46	0	15	88	28	0	0	0	0	0	0	0	
FRESHWATER TOTAL	3,728	13,545	42	8,782	1,634	369	237	1,006	0	15	173	28	0	0	0	0	0	0	14	
GRAND TOTAL	92,790	262,336	5,650	175,016	13,507	30,211	2,497	1,716	19	15	289	28	95,347	275	79,246	14,910	80	15,927	1,007	

Note: North Gulf Coast/Prince William Sound (Area J): All saltwater and freshwater drainages from Cape Suckling on the east through Prince William Sound to Gore Point (including Gore Point). Also included is that portion of the Copper River drainage downstream of a line between the south bank of Haley Creek and the south bank of Canyon Creek in Wood Canyon.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.61.—North Gulf Coast/Prince William Sound Area standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	RS	PS	CS	DV	SH	RT	CT	GR	HA	SK	RF	LC	HCL	SHR	Other ^a
SALTWATER:																		
Boat—Resurrection Bay—Trip to Seward	2,868	174	3,883	769	459	42	60	7	0	0	0	1,532	35	1,780	355	0	0	105
Boat—North Gulf Coast West of Aialik Cape	1,404	90	1,208	75	166	0	0	0	0	0	0	930	38	1,067	292	0	0	37
Boat—North Gulf Coast East of Aialik Cape	1,989	66	1,466	63	222	35	12	0	0	0	0	1,344	15	1,537	222	0	0	73
Boat - West PWS—Trip to Seward	2,260	63	1,022	107	107	0	0	0	0	0	0	970	17	1,698	343	0	209	0
Boat—Other—Trip to Seward	294	30	289	0	0	0	0	0	0	0	0	164	0	243	83	0	0	176
Boat—West PWS—Trip to Whittier/Chenega/West PWS	5,634	1,466	1,460	865	536	238	118	13	0	29	0	2,663	0	4,927	261	0	1,947	117
Boat—East PWS—Trip to Whittier/Chenega/West PWS	818	211	1,057	43	112	17	0	0	0	6	0	560	12	320	234	0	122	21
Boat—West PWS—Trip to Valdez	1,627	13	879	190	208	0	47	0	0	19	0	805	21	397	181	0	480	24
Boat—East PWS—Trip to Valdez	2,117	297	1,950	395	423	24	33	0	0	0	0	1,159	29	800	299	0	340	0
Boat—Other—Trip to Valdez	830	0	614	0	0	0	0	0	0	0	0	686	0	355	37	0	202	0
Boat—Valdez Arm—Trip to Valdez	3,645	347	3,746	174	846	0	85	0	0	0	0	393	19	435	122	0	835	60
Boat—West PWS—Trip to Cordova or East PWS	498	0	343	0	105	12	95	0	0	0	0	325	0	169	38	0	91	0
Boat—East PWS—Trip to Cordova or East PWS	931	20	1,808	373	298	26	46	0	0	0	0	420	0	200	67	0	223	18
Boat—Other—Trip to unknown destinations	473	51	271	189	33	0	0	0	0	0	0	208	0	165	67	0	76	28
Shoreline—Resurrection Bay (Seward)	1,919	170	549	1,017	709	636	0	0	0	0	0	0	0	129	0	10	0	0
Shoreline—Passage Canal (Whittier)	1,016	14	186	109	395	146	15	0	0	0	0	0	0	31	0	0	26	7
Shoreline—Valdez Road System	659	0	789	0	434	47	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline—Allison Point	1,421	15	1,555	154	2,209	94	16	0	0	0	0	0	0	0	0	0	68	0
Shoreline—Remainder of Valdez Arm	591	0	506	95	516	99	0	0	0	0	0	0	15	45	14	0	0	0
Shoreline—Orca Inlet	435	0	383	26	207	0	48	0	0	0	0	0	0	0	0	0	0	0
Shoreline—Other	393	0	191	0	66	0	0	0	0	50	0	0	0	0	0	63	58	0
SALTWATER TOTAL	8,721	1,570	6,835	1,686	2,760	725	200	15	0	61	0	3,977	73	5,827	823	64	2,195	270
FRESHWATER:																		
Alaganik Slough	356	0	557	0	0	0	16	0	0	52	0	0	0	0	0	0	0	0
Eyak River	980	0	902	286	0	0	89	0	0	22	0	0	0	0	0	0	0	0
Ibeck Creek	265	0	283	0	16	0	213	0	0	0	0	0	0	0	0	0	0	0
Other East Prince William Sound Streams	535	41	680	360	72	107	125	0	0	0	0	0	0	0	0	0	0	14
Other Streams	427	0	67	172	211	129	207	0	0	0	0	0	0	0	0	0	0	0
Lakes	264	0	49	57	59	0	47	0	15	55	29	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,338	41	1,330	490	232	172	348	0	15	78	29	0	0	0	0	0	0	14
GRAND TOTAL	8,837	1,571	6,969	1,731	2,769	748	406	15	15	97	29	3,977	73	5,827	823	64	2,195	270

Note: North Gulf Coast/Prince William Sound (Area J): All saltwater and freshwater drainages from Cape Suckling on the east through Prince William Sound to Gore Point (including Gore Point). Also included is that portion of the Copper River drainage downstream of a line between the south bank of Haley Creek and the south bank of Canyon Creek in Wood Canyon.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.62.—Knik Arm drainage area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KS	SS	LS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^b
Saltwater Sites	174	325	30	149	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:																	
Cottonwood Creek drainage	1,210	2,718	0	308	0	672	0	0	0	0	199	0	0	0	0	0	0
Eklutna Power Plant Raceway	8,061	20,586	594	2,253	0	81	0	0	0	0	0	0	0	0	0	0	0
Fish Creek (Big Lake drainage)	816	1,343	0	993	0	26	153	0	0	0	53	0	0	0	0	0	0
Knik River and Tributaries, including Jim Creek	8,686	27,874	0	17,545	0	4,187	33	250	0	230	0	0	31	0	0	0	0
Little Susitna River	12,275	31,989	2,219	13,498	0	1,699	118	370	0	31	147	0	0	0	0	0	0
Wasilla Creek (Rabbit Slough)	938	1,394	0	1,086	0	30	0	0	0	15	19	0	0	0	0	0	0
Other Streams	334	654	0	54	0	0	0	0	35	88	18	0	0	0	0	0	0
Big Lake	1,847	7,326	0	0	0	0	0	0	0	273	785	0	0	98	892	0	0
Finger Lake	3,438	7,715	0	0	1,311	0	0	0	0	348	2,156	0	0	0	0	0	0
Kepler Lake Complex	3,024	8,264	0	0	0	0	0	0	0	190	3,696	546	0	0	0	0	0
Long Lake (Mile 85 Glenn Highway)	912	1,387	0	0	0	0	0	0	265	212	563	0	0	0	34	0	0
Lucille Lake	504	1,129	0	0	0	0	0	0	0	0	64	0	0	0	0	0	0
Nancy Lake Recreation Area	2,262	4,958	0	0	0	0	0	0	0	0	174	0	0	1,083	0	0	0
Wasilla Lake	720	2,011	0	0	0	0	0	0	0	0	628	0	0	0	0	0	0
Other Lakes	4,719	16,899	0	110	887	0	0	0	0	548	7,035	198	0	571	0	0	0
FRESHWATER TOTAL	34,731	136,247	2,813	35,847	2,198	6,695	304	620	300	1,935	15,537	744	31	1,752	926	0	0
GRAND TOTAL	34,810	136,572	2,843	35,996	2,198	6,695	304	620	300	1,935	15,537	744	31	1,752	926	0	0

Note: Knik Arm drainage (Area K): All waters, including drainages, of the Matanuska and Knik rivers; the Little Susitna River, including all waters draining to the south and east into Knik Arm, including the western half of Knik Arm to the Matanuska-Susitna Borough/Anchorage Municipality boundary in Knik Arm; and, the waters of the Nancy Lake Recreation Area.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.63.—Knik Arm drainage Area standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	LS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^a
Saltwater Sites	191	29	107	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:																
Cottonwood Creek drainage	808	0	108	0	345	0	0	0	0	107	0	0	0	0	0	0
Eklutna Power Plant Raceway	2,299	138	556	0	43	0	0	0	0	0	0	0	0	0	0	0
Fish Creek (Big Lake drainage)	333	0	391	0	26	88	0	0	0	38	0	0	0	0	0	0
Knik River and Tributaries, including Jim Creek	2,905	0	2,291	0	816	31	199	0	85	0	0	31	0	0	0	0
Little Susitna River	3,569	345	1,905	0	595	52	161	0	31	73	0	0	0	0	0	0
Wasilla Creek (Rabbit Slough)	329	0	352	0	22	0	0	0	16	18	0	0	0	0	0	0
Other Streams	362	0	42	0	0	0	0	34	73	18	0	0	0	0	0	0
Big Lake	2,199	0	0	0	0	0	0	0	124	260	0	0	72	642	0	0
Finger Lake	1,332	0	0	559	0	0	0	0	166	641	0	0	0	0	0	0
Kepler Lake Complex	1,606	0	0	0	0	0	0	0	154	1,833	262	0	0	0	0	0
Long Lake (Mile 85 Glenn Highway)	354	0	0	0	0	0	0	171	130	251	0	0	0	34	0	0
Lucille Lake	413	0	0	0	0	0	0	0	0	45	0	0	0	0	0	0
Nancy Lake Recreation Area	1,004	0	0	0	0	0	0	0	0	80	0	0	356	0	0	0
Wasilla Lake	801	0	0	0	0	0	0	0	0	281	0	0	0	0	0	0
Other Lakes	1,984	0	78	291	0	0	0	0	238	1,098	99	0	345	0	0	0
FRESHWATER TOTAL	6,461	372	3,104	636	1,054	105	261	177	383	2,199	277	31	501	644	0	0
GRAND TOTAL	6,457	374	3,107	636	1,054	105	261	177	383	2,199	277	31	501	644	0	0

Note: Knik Arm drainage (Area K): All waters, including drainages, of the Matanuska and Knik rivers; the Little Susitna River, including all waters draining to the south and east into Knik Arm, including the western half of Knik Arm to the Matanuska-Susitna Borough/Anchorage Municipality boundary in Knik Arm; and, the waters of the Nancy Lake Recreation Area.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.64—Anchorage Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KS	SS	LS	RS	PS	CS	DV	RT	GR	NP	WF	SM	Other ^b
SALTWATER:															
Shoreline—Twentymile River Mouth	507	571	0	0	0	0	0	0	0	0	0	0	0	19,491	374
Other Saltwater	681	2,406	92	0	0	136	140	15	121	0	0	0	0	556	0
SALTWATER TOTAL	1,149	2,977	92	0	0	136	140	15	121	0	0	0	0	20,047	374
FRESHWATER:															
Bird Creek	5,316	10,866	0	3,030	0	0	1,088	239	0	10	0	0	0	0	0
Campbell Creek	1,505	6,267	15	1,155	0	0	0	0	76	0	0	0	0	0	0
Eagle River	930	1,541	0	38	0	0	0	0	15	40	0	0	0	0	0
Glacier Creek	739	3,239	0	806	0	0	239	29	0	0	0	0	0	0	0
Ingram Creek	548	999	0	71	0	75	295	0	0	0	0	0	0	0	0
Placer River	650	1,348	0	1,361	0	0	16	0	22	0	0	0	0	0	0
Ship Creek	10,765	40,605	2,540	6,735	0	0	191	0	0	0	0	0	0	0	47
Twentymile River	2,258	4,874	0	4,116	0	0	63	0	31	0	0	0	0	0	19
Other Streams	791	2,421	0	684	0	12	0	0	131	92	0	0	0	0	0
Campbell Point Lake	1,101	2,551	0	0	54	0	0	0	166	745	0	0	0	0	0
Cheney Lake	742	1,044	0	0	0	0	0	0	0	46	0	36	0	0	0
Delong Lake	981	1,966	0	0	469	0	0	0	36	360	0	0	0	0	0
Jewel Lake	2,309	3,477	0	0	177	0	0	0	30	609	0	24	0	0	0
Sand Lake	905	1,628	0	0	27	0	0	0	90	71	0	73	0	0	28
Beach Lake	838	1,109	0	0	13	0	0	0	0	126	67	0	0	0	0
Lower Fire Lake	450	824	0	0	0	0	0	0	0	176	0	12	0	0	0
Mirror Lake	1,592	3,071	0	0	504	0	0	0	50	1,009	0	0	0	0	0
Symphony Lake	332	572	0	0	0	0	0	0	0	0	292	0	0	0	0
Other Eagle River/Chugiak Lakes	412	713	0	0	0	0	0	0	0	46	85	0	0	0	0
Green Lake (Elmendorf)	607	1,557	0	0	0	0	0	0	0	474	0	0	0	0	0
Hillberg Lake (Elmendorf)	686	2,901	0	0	0	0	0	0	0	1,047	0	0	0	0	0
Sixmile Lake (Elmendorf)	607	1,184	0	0	0	0	0	0	0	92	0	0	0	0	0
Other Elmendorf Air Force Base Lakes	667	1,813	0	0	0	0	0	0	0	424	0	0	0	0	0
Clunie Lake (Fort Richardson)	1,333	3,513	0	0	208	0	0	0	53	1,199	0	0	0	0	0
Gwen Lake (Fort Richardson)	388	612	0	0	0	0	0	0	0	262	0	0	0	0	7
Otter Lake (Fort Richardson)	713	2,515	0	0	0	0	0	0	0	76	0	60	0	0	0
Walden Lake (Fort Richardson)	470	2,701	0	0	0	0	0	0	0	1,386	0	0	0	0	0
Other Anchorage Area Lakes	780	1,625	0	0	27	0	0	0	0	92	0	0	0	0	0
Turnagain Arm Lakes	322	488	0	0	0	0	0	0	0	55	0	0	0	0	0
Unspecified Lakes	120	120	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	25,346	108,144	2,555	17,996	1,479	87	1,892	268	700	8,437	444	205	0	0	101
GRAND TOTAL	25,738	111,121	2,647	17,996	1,479	223	2,032	283	821	8,437	444	205	0	20,047	475

Note: Anchorage (Area L): All waters inside the area bounded by the Eklutna River drainage on the north; Knik Arm on the west; Turnagain Arm, to Ingram Creek (including Portage Creek and Placer River) on the south; and the Chugach Mountains on the east. Boundary streams are included in the area.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.65.—Anchorage Area standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	LS	RS	PS	CS	DV	RT	GR	NP	WF	SM	Other ^a
SALTWATER:														
Shoreline—Twentymile River Mouth	169	0	0	0	0	0	0	0	0	0	0	0	11,290	370
Other Saltwater	740	68	0	0	96	86	15	126	0	0	0	0	412	0
SALTWATER TOTAL	766	68	0	0	96	86	15	126	0	0	0	0	11,289	370
FRESHWATER:														
Bird Creek	1,207	0	566	0	0	320	74	0	10	0	0	0	0	0
Campbell Creek	1,900	15	418	0	0	0	0	62	0	0	0	0	0	0
Eagle River	372	0	40	0	0	0	0	16	32	0	0	0	0	0
Glacier Creek	905	0	415	0	0	203	20	0	0	0	0	0	0	0
Ingram Creek	306	0	60	0	77	139	0	0	0	0	0	0	0	0
Placer River	325	0	366	0	0	17	0	23	0	0	0	0	0	0
Ship Creek	4,600	418	1,376	0	0	83	0	0	0	0	0	0	0	47
Twentymile River	904	0	990	0	0	57	0	31	0	0	0	0	0	19
Other Streams	801	0	351	0	13	0	0	97	91	0	0	0	0	0
Campbell Point Lake	749	0	0	54	0	0	0	89	338	0	0	0	0	0
Cheney Lake	275	0	0	0	0	0	0	0	47	0	37	0	0	0
Delong Lake	466	0	0	269	0	0	0	37	157	0	0	0	0	0
Jewel Lake	615	0	0	95	0	0	0	21	200	0	24	0	0	0
Sand Lake	447	0	0	27	0	0	0	56	56	0	50	0	0	28
Beach Lake	263	0	0	14	0	0	0	0	58	66	0	0	0	0
Lower Fire Lake	295	0	0	0	0	0	0	0	137	0	12	0	0	0
Mirror Lake	635	0	0	355	0	0	0	49	446	0	0	0	0	0
Symphony Lake	173	0	0	0	0	0	0	0	0	137	0	0	0	0
Other Eagle River/Chugiak Lakes	309	0	0	0	0	0	0	0	46	83	0	0	0	0
Green Lake (Elmendorf)	510	0	0	0	0	0	0	0	297	0	0	0	0	0
Hillberg Lake (Elmendorf)	1,204	0	0	0	0	0	0	0	469	0	0	0	0	0
Sixmile Lake (Elmendorf)	460	0	0	0	0	0	0	0	73	0	0	0	0	0
Other Elmendorf Air Force Base Lakes	569	0	0	0	0	0	0	0	313	0	0	0	0	0
Clunie Lake (Fort Richardson)	1,191	0	0	124	0	0	0	36	508	0	0	0	0	0
Gwen Lake (Fort Richardson)	211	0	0	0	0	0	0	0	136	0	0	0	0	7
Otter Lake (Fort Richardson)	1,097	0	0	0	0	0	0	0	66	0	47	0	0	0
Walden Lake (Fort Richardson)	1,308	0	0	0	0	0	0	0	749	0	0	0	0	0
Other Anchorage Area Lakes	414	0	0	27	0	0	0	0	70	0	0	0	0	0
Turnagain Arm Lakes	156	0	0	0	0	0	0	0	33	0	0	0	0	0
Unspecified Lakes	88	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	6,110	419	1,904	481	79	410	77	180	1,329	172	82	0	0	58
GRAND TOTAL	6,149	427	1,904	481	128	420	78	219	1,329	172	82	0	11,289	374

Note: Anchorage (Area L): All waters inside the area bounded by the Eklutna River drainage on the north; Knik Arm on the west; Turnagain Arm, to Ingram Creek (including Portage Creek and Placer River) on the south; and the Chugach Mountains on the east. Boundary streams are included in the area.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.66.—Susitna River drainage sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KS	SS	LS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	Other ^b
Susitna River	3,905	7,475	787	2,148	0	234	103	121	0	48	108	139	0	0	50	0
Chulitna/East Susitna drainages:																
Caswell Creek	821	1,524	30	649	0	0	0	0	0	0	0	0	0	0	117	0
Chulitna River drainage	496	644	26	38	0	30	0	16	0	0	0	28	0	0	0	0
Chunilna Creek (Clear Creek)	3,047	6,180	867	1,557	0	128	36	31	0	128	52	0	0	0	0	0
Goose Creek	759	1,895	134	594	0	120	157	62	0	0	138	0	0	0	6	0
Kashwitna River	1,246	5,634	237	2,880	0	0	159	265	0	0	61	0	0	0	0	131
Little Willow Creek	3,417	8,213	505	1,340	0	30	128	115	0	0	210	0	0	0	0	0
Montana Creek	8,631	16,174	1,188	5,628	0	794	818	302	0	48	0	0	0	0	23	0
Sheep Creek	4,859	8,574	589	2,125	0	32	267	107	0	17	79	73	0	0	34	0
Sunshine Creek	1,754	4,153	431	2,928	0	75	56	0	0	0	178	0	229	0	151	0
Talkeetna River drainage (excluding Clear Creek)	4,647	8,212	612	2,571	0	1,389	86	72	15	121	459	84	15	0	17	0
Troublesome Creek	466	1,203	0	28	0	127	9	0	0	0	31	24	0	0	0	0
Willow Creek	8,047	17,953	1,101	3,760	0	45	269	259	0	0	60	0	0	0	0	0
Other Streams—Chulitna / East Susitna drainage	671	1,907	114	113	0	205	0	0	0	0	0	12	0	0	168	0
Lakes—Chulitna / East Susitna drainage	1,417	3,592	0	0	0	0	0	0	83	45	253	200	0	468	17	0
Total Chulitna/East Susitna drainages	29,319	85,858	5,834	24,211	0	2,975	1,985	1,229	98	359	1,521	421	244	468	533	131
West Susitna drainages:																
Deshka River (Kroto Creek) below weir	4,960	12,318	1,787	2,253	0	0	16	0	0	22	0	0	0	96	63	0
Deshka River (Kroto Creek) above weir	1,227	3,196	249	1,173	0	0	62	0	0	0	419	268	61	72	0	0
Fish Lake Creek and Fish Lakes (Yentna drainage)	461	1,212	89	567	0	197	16	0	0	0	13	0	13	177	0	0
Lake Creek (Yentna drainage)	3,412	11,891	2,756	4,147	0	737	69	79	0	0	153	82	0	199	10	9
Peters Creek	304	756	220	227	0	0	0	0	0	0	10	0	0	0	0	0
Talachulitna River (Yentna drainage)	1,010	5,310	435	1,511	0	246	11	22	0	0	0	0	15	0	0	0
Yentna River	2,069	4,778	1,009	3,563	0	116	18	115	0	45	134	0	0	41	0	18
Yentna River drainage (Remainder)	1,135	2,420	260	902	0	132	9	15	55	24	0	0	0	336	183	0
Other Streams—West Susitna drainage	454	1,113	0	783	0	0	0	0	0	0	0	0	0	0	0	0
Trapper Lake	327	2,191	0	0	0	0	0	0	0	0	0	0	0	4,460	0	0
Other Lakes—West Susitna drainage	793	1,773	0	0	0	0	0	0	0	0	15	0	0	302	0	0
Total West Susitna drainages	14,381	46,958	6,805	15,126	0	1,428	201	231	55	91	744	350	89	5,683	256	27
Upper Susitna drainages																
Susitna Lake	661	2,562	0	0	0	0	0	0	206	0	0	257	183	0	452	0
Lake Louise	1,223	3,790	0	0	0	0	0	0	604	0	0	631	107	0	241	0
Other Upper Susitna drainage Streams and Lakes	397	1,320	0	0	0	0	0	0	70	0	0	510	0	0	0	0
Total Upper Susitna drainages	2,026	7,672	0	0	0	0	0	0	880	0	0	1,398	290	0	693	0
Unspecified Streams and Lakes	344	775	0	223	0	52	0	0	0	0	18	31	0	0	0	0
TOTAL	45,048	148,738	13,426	41,708	0	4,689	2,289	1,581	1,033	498	2,391	2,339	623	6,151	1,532	158

Note: Susitna River drainage (Area M): All drainages of the Susitna River, including the upper, east and west drainages. This includes Deshka, Yentna and Chulitna drainages in the west, Kashwitna, Talkeetna, Oshetna and Tyone rivers and Lake Louise to the East. Does not include Little Susitna River (area K), and does not include Summit Lake (area U).

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.67.—Susitna River drainage standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	LS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	Other ^a
Susitna River	1,160	228	449	0	108	66	81	0	37	52	83	0	0	50	0
Chulitna/East Susitna drainages:															
Caswell Creek	394	21	235	0	0	0	0	0	0	0	0	0	0	124	0
Chulitna River drainage	168	26	37	0	30	0	16	0	0	0	27	0	0	0	0
Chunilna Creek (Clear Creek)	883	185	327	0	102	26	22	0	82	36	0	0	0	0	0
Goose Creek	616	104	260	0	123	154	49	0	0	115	0	0	0	6	0
Kashwitna River	1,979	85	1,320	0	0	145	208	0	0	62	0	0	0	0	135
Little Willow Creek	2,015	153	331	0	30	69	51	0	0	89	0	0	0	0	0
Montana Creek	1,367	245	1,179	0	695	325	102	0	40	0	0	0	0	18	0
Sheep Creek	928	137	457	0	23	147	56	0	16	65	38	0	0	34	0
Sunshine Creek	877	252	724	0	76	48	0	0	0	132	0	227	0	107	0
Talkeetna River drainage (excluding Clear Creek)	1,099	157	604	0	469	57	42	16	55	218	66	15	0	17	0
Troublesome Creek	473	0	26	0	114	9	0	0	0	29	25	0	0	0	0
Willow Creek	2,154	218	937	0	26	150	144	0	0	40	0	0	0	0	0
Other Streams—Chulitna / East Susitna drainage	609	62	65	0	200	0	0	0	0	0	13	0	0	163	0
Lakes—Chulitna / East Susitna drainage	1,127	0	0	0	0	0	0	43	44	127	170	0	233	16	0
Total Chulitna/East Susitna drainages	4,356	546	2,315	0	873	449	282	45	116	345	189	227	233	237	135
West Susitna drainages:															
Deshka River (Kroto Creek) below weir	1,759	286	457	0	0	16	0	0	22	0	0	0	82	39	0
Deshka River (Kroto Creek) above weir	1,166	116	376	0	0	45	0	0	0	386	269	61	73	0	0
Fish Lake Creek and Fish Lakes (Yentna drainage)	323	41	239	0	151	17	0	0	0	12	0	12	114	0	0
Lake Creek (Yentna drainage)	1,286	436	882	0	372	38	65	0	0	61	60	0	168	9	9
Peters Creek	264	91	127	0	0	0	0	0	0	9	0	0	0	0	0
Talachulitna River (Yentna drainage)	1,912	135	480	0	160	12	22	0	0	0	0	16	0	0	0
Yentna River	646	237	868	0	81	18	78	0	34	118	0	0	34	0	18
Yentna River drainage (Remainder)	546	93	359	0	110	9	15	38	24	0	0	0	199	116	0
Other Streams—West Susitna drainage	381	0	464	0	0	0	0	0	0	0	0	0	0	0	0
Trapper Lake	950	0	0	0	0	0	0	0	0	0	0	0	2,724	0	0
Other Lakes—West Susitna drainage	645	0	0	0	0	0	0	0	0	15	0	0	114	0	0
Total West Susitna drainages	3,452	629	1,598	0	446	69	106	38	47	408	278	65	2,723	122	20
Upper Susitna drainages:															
Susitna Lake	866	0	0	0	0	0	0	99	0	0	144	138	0	245	0
Lake Louise	1,099	0	0	0	0	0	0	198	0	0	319	68	0	94	0
Other Upper Susitna drainage Streams and Lakes	478	0	0	0	0	0	0	50	0	0	339	0	0	0	0
Total Upper Susitna drainages	1,480	0	0	0	0	0	0	226	0	0	486	154	0	260	0
Unspecified Streams and Lakes	283	0	165	0	43	0	0	0	0	19	30	0	0	0	0
TOTAL	5,892	838	2,760	0	999	460	314	235	131	544	594	283	2,738	367	136

Note: Susitna River drainage (Area M): All drainages of the Susitna River, including the upper, east and west drainages. This includes Deshka, Yentna and Chulitna drainages in the west, Kashwitna, Talkeetna, Oshetna and Tyone rivers and Lake Louise to the east. Does not include Little Susitna River (area K), and does not include Summit Lake (area U).

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly. Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.68.—West Side Cook Inlet Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^b
Chuitna River	891	1,805	46	1,401	0	9	0	0	0	0	0	0	0	0	0	0
Other Sites between North Forelands and Susitna drainage	873	1,826	15	672	238	0	0	0	198	0	0	0	96	0	0	0
Kustatan River	2,033	3,416	0	3,868	429	0	0	0	136	15	0	0	0	0	0	0
Silver Salmon Creek	495	687	90	356	156	0	0	0	50	0	0	0	0	0	0	0
Big River Lakes	2,644	2,837	127	3,560	857	0	0	0	63	22	0	0	0	0	0	0
Wolverine Creek mouth	3,522	3,593	0	3,564	3,579	0	0	0	0	0	0	0	0	0	0	0
Other Sites south of North Forelands	1,086	2,417	159	1,252	393	0	153	0	198	69	0	0	0	0	0	0
Unspecified Streams	34	46	0	0	0	0	0	0	0	0	56	0	0	0	0	0
TOTAL	10,315	16,627	437	14,673	5,652	9	153	0	645	106	56	0	96	0	0	0

Note: West Side Cook Inlet Area (Area N): All drainages emptying into Cook Inlet south of the Susitna River drainage to Cape Douglas. Includes Chuitna, Theodore, Kustatan and Lewis rivers, Wolverine and Silver Salmon creeks, Big River Lakes, and others.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.69.—West Side Cook Inlet Area standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^a
Chuitna River	501	47	484	0	9	0	0	0	0	0	0	0	0	0	0
Other Sites between North Forelands and Susitna drainage	468	15	238	189	0	0	0	168	0	0	0	94	0	0	0
Kustatan River	567	0	719	303	0	0	0	70	15	0	0	0	0	0	0
Silver Salmon Creek	191	90	136	108	0	0	0	50	0	0	0	0	0	0	0
Big River Lakes	332	88	498	256	0	0	0	45	23	0	0	0	0	0	0
Wolverine Creek mouth	404	0	1,177	605	0	0	0	0	0	0	0	0	0	0	0
Other Sites south of North Forelands	599	123	279	225	0	129	0	117	55	0	0	0	0	0	0
Unspecified Streams	35	0	0	0	0	0	0	0	0	57	0	0	0	0	0
TOTAL	1,171	182	1,589	780	9	129	0	226	61	57	0	94	0	0	0

Note: West Side Cook Inlet Area (Area N): All drainages emptying into Cook Inlet south of the Susitna River drainage to Cape Douglas. Includes Chuitna, Theodore, Kustatan and Lewis rivers, Wolverine and Silver Salmon creeks, Big River Lakes, and others.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.70.—Kenai River sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KSP ^b	KSA ^b	SSP ^c	SSA ^c	RS	PS	CS	LT	DV	SH	RT	GR	WF	NP	SM	Other ^d
GUIDED:																		
Kenai River—Cook Inlet to Soldotna Bridge	19,459	28,511	1,574	4,449	6,157	2,426	4,857	1,506	11	0	189	0	113	0	8	0	0	7
Kenai River—Soldotna Bridge to Moose River	5,328	8,861	355	758	2,011	433	3,356	718	0	0	45	0	0	0	0	0	0	0
Kenai River—Moose River to Skilak Outlet	3,095	4,193	97	14	883	274	2,067	99	0	0	0	0	10	0	0	0	0	0
Kenai River—Skilak Inlet to Kenai Lake	6,330	8,053	0	0	1,164	141	2,764	353	0	0	112	0	52	0	0	0	0	0
Kenai River—Reach not specified	841	1,694	39	133	74	55	528	233	0	0	0	0	0	0	0	0	0	11
GUIDED TOTAL	31,910	51,312	2,065	5,354	10,289	3,329	13,572	2,909	11	0	346	0	175	0	8	0	0	18
NON-GUIDED:																		
Kenai River—Cook Inlet to Soldotna Bridge	34,220	133,096	1,322	5,999	14,445	8,136	73,025	7,442	216	0	965	0	583	0	46	0	2,270	33
Kenai River—Soldotna Bridge to Moose River	22,904	81,950	417	887	4,111	2,728	78,705	3,193	0	0	916	0	794	0	0	0	0	0
Kenai River—Moose River to Skilak Outlet	10,578	43,011	29	207	1,379	2,738	31,394	483	0	153	604	0	762	0	31	0	0	0
Kenai River—Skilak Inlet to Kenai Lake	14,248	42,602	0	0	1,946	1,285	26,039	426	0	0	891	0	889	31	214	25	0	0
Kenai River—Reach not specified	2,417	8,373	264	0	722	516	7,295	655	0	0	44	0	11	0	0	0	0	9
NON-GUIDED TOTAL	72,959	309,032	2,032	7,093	22,603	15,403	216,458	12,199	216	153	3,420	0	3,039	31	291	25	2,270	42
GRAND TOTAL	97,383	360,344	4,097	12,447	32,892	18,732	230,030	15,108	227	153	3,766	0	3,214	31	299	25	2,270	60

Note: Kenai River (Area P): All main channel waters of the Kenai River downstream of Kenai Lake to Cook Inlet. Does not include Kenai Lake, Skilak Lake or any saltwater.

Note Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b KSP is Chinook salmon harvested prior to July 1; KSA is Chinook salmon harvested after and including July 1.

^c SSP is coho salmon harvested prior to September 1; SSA is coho salmon harvested after and including September 1.

^d Numbers were reported but species could not be determined, or species were incidental.

Table 2.71.—Kenai River standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KSP ^a	KSA ^a	SSP ^b	SSP ^b	RS	PS	CS	LT	DV	SH	RT	GR	WF	NP	SM	Other ^a
GUIDED:																	
Kenai River—Cook Inlet to Soldotna Bridge	1,393	171	331	1,018	420	703	360	11	0	66	0	49	0	8	0	0	7
Kenai River—Soldotna Bridge to Moose River	964	89	110	374	139	855	274	0	0	43	0	0	0	0	0	0	0
Kenai River—Moose River to Skilak Outlet	525	45	14	236	91	656	66	0	0	0	0	10	0	0	0	0	0
Kenai River—Skilak Inlet to Kenai Lake	673	0	0	438	68	574	328	0	0	49	0	24	0	0	0	0	0
Kenai River—Reach not specified	522	29	65	35	29	297	176	0	0	0	0	0	0	0	0	0	10
GUIDED TOTAL	1,962	205	358	1,226	447	1,433	584	11	0	95	0	55	0	8	0	0	12
NON-GUIDED:																	
Kenai River—Cook Inlet to Soldotna Bridge	7,940	162	449	1,236	841	4,943	946	103	0	192	0	171	0	35	0	1,546	23
Kenai River—Soldotna Bridge to Moose River	5,162	92	155	515	405	5,646	660	0	0	193	0	190	0	0	0	0	0
Kenai River—Moose River to Skilak Outlet	4,450	20	116	308	573	3,264	195	0	150	156	0	221	0	21	0	0	0
Kenai River—Skilak Inlet to Kenai Lake	3,984	0	0	543	394	3,165	224	0	0	371	0	522	30	227	25	0	0
Kenai River—Reach not specified	1,945	81	0	258	175	1,628	357	0	0	26	0	11	0	0	0	0	9
NON-GUIDED TOTAL	11,339	209	498	1,487	1,180	8,846	1,257	103	150	487	0	624	30	231	25	1,546	24
GRAND TOTAL	11,518	290	602	1,937	1,266	9,020	1,366	104	150	494	0	624	30	231	25	1,546	26

Note: Kenai River (Area P): All main channel waters of the Kenai River downstream of Kenai Lake to Cook Inlet. Does not include Kenai Lake, Skilak Lake or any saltwater.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a KSP is Chinook salmon harvested prior to July 1; KSA is Chinook salmon harvested after and including July 1.

^b SSP is coho salmon harvested prior to September 1; SSA is coho salmon harvested after and including September 1.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.72.—Kenai Peninsula Area sport fish freshwater harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KS	SS	LS	RS	PS	CS	LT	DV	SH	RT	GR	WF	NP	BB	SM	Other ^b
Anchor River	8,956	26,182	1,486	4,790	0	652	179	0	0	822	0	0	0	0	0	0	0	0
Deep Creek	4,111	9,332	602	1,631	0	144	135	0	0	164	0	0	0	0	0	0	0	18
Kasilof River—Guided Bank Fishing	770	1,425	72	149	0	446	0	0	0	0	0	0	0	0	0	0	0	0
Kasilof River—Nonguided Bank Fishing	6,536	15,530	792	1,122	0	5,229	377	0	0	133	0	0	0	0	0	0	0	0
Kasilof River—Guided Boat Fishing	6,238	7,086	2,200	1,232	0	130	20	0	0	110	0	0	0	0	0	0	0	0
Kasilof River—Nonguided Boat Fishing	2,289	5,044	607	1,110	0	1,412	27	0	0	61	0	0	0	0	0	0	0	0
Kasilof River—unspecified	456	854	118	0	0	253	0	0	0	0	0	0	0	0	0	0	0	0
Ninilchik River	4,181	8,158	976	692	0	179	151	0	0	29	0	0	0	0	0	0	0	13
Quartz Creek	3,283	7,105	0	0	0	0	0	0	0	152	0	0	0	0	0	0	0	0
Resurrection Creek drainage	4,710	5,584	0	195	0	240	5,500	52	0	24	0	0	0	0	0	0	0	0
Russian River	23,899	55,444	0	3,739	0	66,172	244	0	0	354	0	219	0	0	0	0	0	0
Sixmile Creek drainage	367	641	0	354	0	0	66	0	0	0	0	0	0	0	0	0	0	0
Swanson River	2,089	5,006	0	2,814	0	61	11	0	0	70	0	360	0	0	13	0	0	0
Other Streams	2,324	5,597	0	789	0	1,564	313	98	23	152	0	18	122	0	0	0	0	0
Crescent Lake	802	959	0	0	0	0	0	0	0	0	0	176	306	0	0	0	0	0
Hidden Lake	829	1,543	0	58	0	0	0	0	210	31	0	15	0	0	0	0	0	0
Skilak Lake	785	1,692	0	38	33	171	9	0	122	0	0	18	0	0	0	0	0	0
Swan Lake Canoe System	484	1,341	0	149	0	28	0	0	0	31	0	482	0	0	0	0	0	0
Swanson River Canoe Route Lakes	957	2,221	0	0	0	0	0	0	0	98	0	691	0	0	0	0	0	0
Tustumena Lake	425	750	0	252	0	0	0	0	21	31	0	61	0	0	0	0	0	0
Kenai Peninsula stocked lakes	1,473	2,822	0	0	926	0	0	0	0	397	0	1,753	0	0	0	0	0	0
Other Lakes	2,358	5,350	0	19	41	86	0	0	61	800	0	1,383	345	0	216	0	0	0
TOTAL	57,647	169,666	6,853	19,133	1,000	76,767	7,032	150	437	3,459	0	5,176	773	0	229	0	0	31

Note: Kenai Peninsula (Area P): All freshwater of the Kenai Peninsula bounded on the north by Turnagain Arm including the Granite Creek drainage; on the west by Cook Inlet including Kalgin Island; and on the east by the Placer River drainage, Kenai Lake watershed, and the waters flowing into the Gulf of Alaska west of Gore Point. Does not include the Kenai River main channel.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.73.—Kenai Peninsula Area standard errors of sport fish freshwater harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	LS	RS	PS	CS	LT	DV	SH	RT	GR	WF	NP	BB	SM	Other ^a
Anchor River	2,792	241	821	0	448	74	0	0	255	0	0	0	0	0	0	0	0
Deep Creek	1,513	159	357	0	129	72	0	0	83	0	0	0	0	0	0	0	17
Kasilof River—Guided Bank Fishing	387	38	70	0	193	0	0	0	0	0	0	0	0	0	0	0	0
Kasilof River—Nonguided Bank Fishing	2,127	156	555	0	1,040	360	0	0	105	0	0	0	0	0	0	0	0
Kasilof River—Guided Boat Fishing	781	268	236	0	85	15	0	0	45	0	0	0	0	0	0	0	0
Kasilof River—Nonguided Boat Fishing	1,170	153	472	0	793	21	0	0	39	0	0	0	0	0	0	0	0
Kasilof River—unspecified	351	82	0	0	134	0	0	0	0	0	0	0	0	0	0	0	0
Ninilchik River	1,262	296	194	0	111	93	0	0	21	0	0	0	0	0	0	0	13
Quartz Creek	978	0	0	0	0	0	0	0	85	0	0	0	0	0	0	0	0
Resurrection Creek drainage	601	0	92	0	185	1,058	51	0	25	0	0	0	0	0	0	0	0
Russian River	2,971	0	690	0	4,638	95	0	0	139	0	68	0	0	0	0	0	0
Sixmile Creek drainage	225	0	181	0	0	52	0	0	0	0	0	0	0	0	0	0	0
Swanson River	1,037	0	718	0	60	10	0	0	40	0	145	0	0	13	0	0	0
Other Streams	1,073	0	233	0	606	201	75	17	78	0	19	124	0	0	0	0	0
Crescent Lake	200	0	0	0	0	0	0	0	0	0	107	109	0	0	0	0	0
Hidden Lake	419	0	56	0	0	0	0	104	31	0	15	0	0	0	0	0	0
Skilak Lake	639	0	29	33	172	9	0	118	0	0	18	0	0	0	0	0	0
Swan Lake Canoe System	473	0	119	0	28	0	0	0	31	0	213	0	0	0	0	0	0
Swanson River Canoe Route Lakes	613	0	0	0	0	0	0	0	71	0	291	0	0	0	0	0	0
Tustumena Lake	237	0	165	0	0	0	0	15	30	0	61	0	0	0	0	0	0
Kenai Peninsula stocked lakes	539	0	0	401	0	0	0	0	248	0	421	0	0	0	0	0	0
Other Lakes	873	0	20	41	83	0	0	61	339	0	374	172	0	171	0	0	0
TOTAL	5,742	535	1,595	405	4,897	1,145	90	171	543	0	661	235	0	172	0	0	21

Note: Kenai Peninsula (Area P): All freshwater of the Kenai Peninsula bounded on the north by Turnagain Arm including the Granite Creek drainage; on the west by Cook Inlet including Kalgin Island; and on the east by the Placer River drainage, Kenai Lake watershed, and the waters flowing into the Gulf of Alaska west of Gore Point. Does not include the Kenai River main channel.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.74.—Kenai Peninsula—Cook Inlet Area sport fish saltwater harvest and effort estimates by fisheries for finfish species, 2008.

Area Fished	Anglers ^a	Days Fished	KSP ^b	KSA ^b	SS	RS	PS	CS	DV	SH	SM	HA	SK	RF	LC	PC	Other ^c
SALTWATER CHARTER BOAT:																	
Cook Inlet North of Bluff and Chinitna Points	27,081	31,695	1,457	285	542	532	16	0	60	0	0	53,022	56	310	164	593	18
Kachemak Bay including Bluff Point to Seldovia	15,281	18,880	509	336	1,393	162	29	0	15	82	0	26,563	13	2,007	1,296	266	0
Lower Cook Inlet West of Gore Point	22,063	24,980	776	0	2,464	66	261	26	15	0	0	43,874	39	4,878	3,543	526	35
Boat—Unspecified Sites	292	343	0	0	0	0	0	0	0	0	0	408	0	0	0	0	35
SALTWATER CHARTER BOAT TOTAL	62,880	75,898	2,742	621	4,399	760	306	26	90	82	0	123,867	108	7,195	5,003	1,385	88
SALTWATER NON-CHARTER BOAT:																	
Cook Inlet North of Bluff and Chinitna Points	12,000	25,946	680	232	1,037	1,656	174	0	189	0	147	30,960	124	256	32	485	0
Kachemak Bay including Bluff Point to Seldovia	14,384	37,978	1,431	1,255	1,473	2,958	591	0	117	0	49	32,574	26	2,323	334	1,175	625
Lower Cook Inlet West of Gore Point	6,840	16,286	240	75	1,820	98	439	11	357	0	81	20,464	13	1,484	764	327	32
Boat—Unspecified Sites	606	1,105	78	26	188	0	0	153	0	0	0	1,217	0	0	0	39	0
SALTWATER NON-CHARTER BOAT TOTAL	30,825	81,315	2,429	1,588	4,518	4,712	1,204	164	663	0	277	85,215	163	4,063	1,130	2,026	657
BOAT TOTAL	91,517	157,213	5,171	2,209	8,917	5,472	1,510	190	753	82	277	209,082	271	11,258	6,133	3,411	745
SALTWATER SHORELINE:																	
Cook Inlet North of Bluff and Chinitna Points	950	2,158	26	0	323	546	204	26	31	0	0	0	0	0	0	0	154
Other Lower Cook Inlet/Kachemak Bay Shore exc. Homer S	1,348	2,926	297	26	521	1,175	478	0	251	0	0	0	0	0	0	0	105
Homer Spit (Kachemak Bay)	5,903	12,649	736	97	3,767	188	334	0	350	0	0	0	0	0	0	369	384
Shoreline—Unspecified Sites	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER SHORELINE TOTAL	7,946	17,750	1,059	123	4,611	1,909	1,016	26	632	0	0	0	0	0	0	369	643
GRAND TOTAL	95,147	174,963	6,230	2,332	13,528	7,381	2,526	216	1,385	82	277	209,082	271	11,258	6,133	3,780	1,388

Note: Kenai Peninsula—Cook Inlet (Area P): All saltwater of the Kenai Peninsula and Cook Inlet bounded on the north by Turnagain Arm including the Granite Creek drainage, on the east by the Placer River drainage, and the waters flowing into the Gulf of Alaska west of Gore Point.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b In Cook Inlet north of Bluff Point, KSP is Chinook salmon harvested prior to June 25 and KSA is Chinook salmon harvested June 25 and after. Elsewhere, KSP is Chinook salmon harvested in summer, and KSP is Chinook salmon harvested in winter.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.75.—Kenai Peninsula Area standard errors of sport fish saltwater harvest and effort estimates by fisheries for finfish species, 2008.

Area Fished	Days Fished	KSP ^a	KSA ^a	SS	RS	PS	CS	DV	SH	SM	HA	SK	RF	LC	PC	Other ^b
SALTWATER CHARTER BOAT:																
Cook Inlet North of Bluff and Chinitna Points	1,288	183	73	132	386	16	0	36	0	0	2,102	39	123	70	173	12
Kachemak Bay including Bluff Point to Seldovia	1,195	115	156	302	109	17	0	16	75	0	1,450	12	543	265	90	0
Lower Cook Inlet West of Gore Point	1,108	212	0	333	35	92	25	15	0	0	1,942	29	1,090	484	235	25
Boat-Unspecified Sites	106	0	0	0	0	0	0	0	0	0	157	0	0	0	0	35
SALTWATER CHARTER BOAT TOTAL	2,138	308	174	463	392	96	25	43	75	0	3,293	50	1,234	553	305	45
SALTWATER NON-CHARTER BOAT:																
Cook Inlet North of Bluff and Chinitna Points	1,992	145	64	388	627	153	0	103	0	153	2,289	49	198	19	156	0
Kachemak Bay including Bluff Point to Seldovia	3,196	269	430	313	860	219	0	69	0	49	2,824	27	627	99	287	272
Lower Cook Inlet West of Gore Point	1,836	63	31	492	84	201	11	301	0	66	2,568	12	464	209	166	34
Boat-Unspecified Sites	333	48	19	157	0	0	161	0	0	0	334	0	0	0	31	0
SALTWATER NON-CHARTER BOAT TOTAL	4,040	318	437	705	1,060	327	161	321	0	174	4,410	57	792	231	374	275
BOAT TOTAL	4,508	430	455	848	1,128	342	162	322	75	174	5,361	78	1,467	593	490	276
SALTWATER SHORELINE:																
Cook Inlet North of Bluff and Chinitna Points	681	18	0	121	248	107	26	31	0	0	0	0	0	0	0	132
Other Lower Cook Inlet/Kachemak Bay Shore exc. Homer S	671	188	25	289	505	186	0	121	0	0	0	0	0	0	0	101
Homer Spit (Kachemak Bay)	1,429	268	49	867	144	184	0	333	0	0	0	0	0	0	254	177
Shoreline-Unspecified Sites	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER SHORELINE TOTAL	1,717	320	55	939	579	286	26	355	0	0	0	0	0	0	254	239
GRAND TOTAL	4,834	524	456	1,267	1,255	438	165	472	75	174	5,361	78	1,467	593	565	361

Note: Kenai Peninsula–Cook Inlet (Area P): All saltwater of the Kenai Peninsula and Cook Inlet bounded on the north by Turnagain Arm including the Granite Creek drainage, on the east by the Placer River drainage, and the waters flowing into the Gulf of Alaska west of Gore Point.

Note: Refer to Table 2.3 for common names and species abbreviations.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

^a In Cook Inlet north of Bluff Point, KSP is Chinook salmon harvested prior to June 25 and KSA is Chinook salmon harvested June 25 and after. Elsewhere, KSP is Chinook salmon harvested in summer, and KSP is Chinook salmon harvested in winter.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.76.—Kenai Peninsula–Cook Inlet Area sport fish harvest and effort estimates by fisheries for shellfish, 2008.

Area Fished	Anglers ^a	Days Fished	HCL	RCL	Other ^b
Polly Creek/Crescent River Bar	598	1,024	0	25,948	0
West Cook Inlet: other sites	472	593	28	16,105	0
East Cook Inlet between Anchor Point and Kasilof River	15,511	27,480	3,308	534,431	807
Kachemak Bay	3,042	6,172	3,562	2,307	3,874
East Cook Inlet: other sites	228	1,394	0	2,106	92
TOTAL	18,813	36,663	6,898	580,897	4,773

Note: Kenai Peninsula–Cook Inlet (Area P): All saltwater of the Kenai Peninsula and Cook Inlet bounded on the north by Turnagain Arm including the Granite Creek drainage, on the east by the Placer River drainage, and the waters flowing into the Gulf of Alaska west of Gore Point.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.77.—Kenai Peninsula–Cook Inlet Area standard errors of sport fish harvest and effort estimates by fisheries for shellfish, 2008.

Area Fished	Days Fished	HCL	RCL	Other ^a
Polly Creek/Crescent River Bar	465	0	10,895	0
West Cook Inlet: other sites	165	17	5,245	0
East Cook Inlet between Anchor Point and Kasilof River	2,837	2,216	41,605	722
Kachemak Bay	1,092	978	1,347	2230
East Cook Inlet: other sites	1,211	0	1,280	93
TOTAL	3,256	2,420	42,667	2308

Note: Kenai Peninsula–Cook Inlet (Area P) All saltwater of the Kenai Peninsula bounded on the north by Turnagain Arm including the Granite Creek drainage; on the west by Cook Inlet; on the east by the Placer River drainage, and the waters flowing into the Gulf of Alaska west of Gore Point.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.78.—Kodiak Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KS	SS	RS	PS	CS	DV	SH	RT	HA	SK	RF	LC	PC	RCL	TC	DC	SHR	Other ^b
SALTWATER:																				
Boat—Chiniak Bay Area	7,796	32,098	7,714	10,820	1,812	3,033	357	127	0	0	18,145	69	9,635	1,748	2,000	0	0	167	0	91
Boat—Other Roadside Sites	736	1,964	331	776	17	149	0	0	0	0	1,488	0	508	81	233	0	0	451	0	7
Boat—Afognak Island Area	1,810	6,226	455	3,136	1,745	433	67	76	0	0	4,825	48	1,756	1,016	545	0	245	189	846	18
Boat—Larsen Bay	365	1,404	111	567	86	0	72	31	0	0	1,617	0	187	67	196	0	162	284	0	9
Boat—Uyak Bay	1,476	3,156	192	972	169	78	13	223	0	0	3,671	0	855	120	424	0	98	284	0	0
Boat—Other Remote Sites	2,034	5,040	605	2,119	299	240	27	45	0	0	4,043	23	2,585	459	638	0	0	0	57	36
Boat—Unspecified Sites	103	196	0	19	78	0	0	0	0	0	210	0	70	27	0	0	0	0	0	0
Shoreline—Roadside Sites	402	1,372	0	31	0	819	0	337	0	0	0	0	0	0	0	0	0	65	0	0
Shoreline—Remote Sites	266	742	0	212	68	32	31	99	0	0	0	0	0	0	0	1,163	0	0	0	0
Shoreline—Unspecified Sites	21	21	0	0	134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	13,199	52,219	9,408	18,652	4,408	4,784	567	938	0	0	33,999	140	15,596	3,518	4,036	1,163	505	1,440	903	161
FRESHWATER:																				
American River	1,868	4,602	14	799	0	411	0	1,261	0	0	0	0	0	0	0	0	0	0	0	0
Buskin River	4,232	15,068	30	4,259	1,159	1,284	61	2,231	0	0	0	0	0	0	0	0	0	0	0	0
Olds River	1,392	3,362	0	696	0	1,022	35	1,021	0	0	0	0	0	0	0	0	0	0	0	0
Pasagshak drainage	2,627	7,733	0	2,836	3,218	108	0	174	0	0	0	0	0	0	0	0	0	0	0	0
Russian River	328	885	0	254	0	0	11	63	0	0	0	0	0	0	0	0	0	0	0	0
Saltery Cove drainage	1,492	4,127	0	823	5,693	107	0	521	0	0	0	0	0	0	0	0	0	0	0	0
Other Road System Streams	919	4,253	0	691	51	474	0	361	0	0	0	0	0	0	0	0	0	0	0	0
Ayakulik River (Red River)	518	1,905	0	593	1,579	18	0	35	10	0	0	0	0	0	0	0	0	0	0	0
Dog Salmon Creek (Frazer River)	258	688	0	126	318	23	0	127	16	0	0	0	0	0	0	0	0	0	0	0
Karluk Lagoon and River below Weir	305	1,163	0	1,226	581	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0
Karluk Lake and River above Weir	446	1,139	0	10	57	0	0	330	18	0	0	0	0	0	0	0	0	0	0	0
Uganik River	263	982	0	193	26	140	0	63	0	0	0	0	0	0	0	0	0	0	0	0
Other Remote Streams	747	2,652	0	592	583	204	11	356	8	40	0	0	0	0	0	0	0	0	0	0
Unspecified Streams	120	161	14	10	127	9	13	134	0	0	0	0	0	0	0	0	0	0	0	0
Road System Lakes	225	496	0	196	0	18	0	119	0	153	0	0	0	0	0	0	0	0	0	0
Remote Lakes	166	604	0	111	0	0	0	349	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	9,278	49,820	58	13,415	13,392	3,818	131	7,178	52	193	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	17,530	102,039	9,466	32,067	17,800	8,602	698	8,116	52	193	33,999	140	15,596	3,518	4,036	1,163	505	1,440	903	161

Note Kodiak (Area Q): All Alaskan waters, including drainages, of the Kodiak and Afognak Island groups including the Trinity Islands.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.79.—Kodiak Area standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	RS	PS	CS	DV	SH	RT	HA	SK	RF	LC	PC	RCL	TC	DC	SHR	Other ^a
SALTWATER:																			
Boat—Chiniak Bay Area	5,823	1,325	1,360	721	881	188	68	0	0	1,771	56	1,563	271	618	0	0	116	0	66
Boat—Other Roadside Sites	598	171	344	16	95	0	0	0	0	397	0	185	46	158	0	0	437	0	7
Boat—Afognak Island Area	1,124	156	746	814	198	59	60	0	0	799	49	493	305	199	0	249	192	891	18
Boat—Larsen Bay	580	67	270	86	0	54	31	0	0	435	0	138	54	113	0	101	191	0	9
Boat—Uyak Bay	520	74	348	150	48	13	158	0	0	737	0	377	87	155	0	98	283	0	0
Boat—Other Remote Sites	733	160	751	234	122	19	31	0	0	681	17	732	178	384	0	0	0	58	24
Boat—Unspecified Sites	119	0	19	79	0	0	0	0	0	130	0	71	27	0	0	0	0	0	0
Shoreline—Roadside Sites	610	0	21	0	648	0	238	0	0	0	0	0	0	0	0	0	66	0	0
Shoreline—Remote Sites	303	0	116	69	23	31	67	0	0	0	0	0	0	0	859	0	0	0	0
Shoreline—Unspecified Sites	21	0	0	132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	6,070	1,357	1,802	1,099	1,126	209	309	0	0	2,177	76	1,863	448	785	859	286	604	891	73
FRESHWATER:																			
American River	1,040	14	279	0	217	0	549	0	0	0	0	0	0	0	0	0	0	0	0
Buskin River	1,993	30	760	500	394	48	703	0	0	0	0	0	0	0	0	0	0	0	0
Olds River	590	0	204	0	540	24	507	0	0	0	0	0	0	0	0	0	0	0	0
Pasagshak drainage	1,307	0	779	836	64	0	106	0	0	0	0	0	0	0	0	0	0	0	0
Russian River	364	0	123	0	0	11	39	0	0	0	0	0	0	0	0	0	0	0	0
Saltery Cove drainage	873	0	252	1,429	90	0	232	0	0	0	0	0	0	0	0	0	0	0	0
Other Road System Streams	1,566	0	225	53	266	0	204	0	0	0	0	0	0	0	0	0	0	0	0
Ayakulik River (Red River)	499	0	276	668	18	0	36	10	0	0	0	0	0	0	0	0	0	0	0
Dog Salmon Creek (Frazer River)	297	0	115	159	23	0	93	16	0	0	0	0	0	0	0	0	0	0	0
Karluk Lagoon and River below Weir	309	0	494	245	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0
Karluk Lake and River above Weir	295	0	9	35	0	0	306	18	0	0	0	0	0	0	0	0	0	0	0
Uganik River	307	0	86	26	114	0	44	0	0	0	0	0	0	0	0	0	0	0	0
Other Remote Streams	935	0	175	490	122	10	170	8	29	0	0	0	0	0	0	0	0	0	0
Unspecified Streams	89	15	10	116	9	14	135	0	0	0	0	0	0	0	0	0	0	0	0
Road System Lakes	171	0	170	0	18	0	113	0	158	0	0	0	0	0	0	0	0	0	0
Remote Lakes	251	0	95	0	0	0	173	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	3,488	36	1,353	1,967	773	57	1,207	27	161	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	6,957	1,357	2,243	2,280	1,350	216	1,242	27	161	2,177	76	1,863	448	785	859	286	604	891	73

Note: Kodiak (Area Q): All Alaskan waters, including drainages, of the Kodiak and Afognak Island groups including the Trinity Islands.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.80.—Naknek River drainage-Alaska Peninsula Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	NP	BB	SM	HA	RF	LC	PC	Other ^b
SALTWATER:																			
Boat—Unalaska Bay	452	2,778	0	0	0	131	0	0	153	0	0	0	0	0	1,796	404	80	682	0
Boat—Other	1,132	3,713	63	142	326	112	13	0	225	0	0	0	0	629	1,923	814	67	749	0
Shoreline	353	1,243	0	183	103	49	31	0	46	0	0	0	0	0	0	70	0	149	0
SALTWATER TOTAL	1,824	7,734	63	325	429	292	44	0	424	0	0	0	0	629	3,719	1,288	147	1,580	0
FRESHWATER:																			
Egegik River and Becharof System	331	662	13	770	0	0	0	0	117	0	14	0	0	0	0	0	0	0	0
Naknek River above Rapids Camp	1,713	5,732	42	2,020	3,596	65	11	0	45	108	0	25	0	1,258	0	0	0	0	0
Naknek River below Rapids Camp	1,749	6,214	914	2,805	1,933	61	15	0	48	67	33	0	0	2,609	0	0	0	0	0
Naknek Lake	438	1,011	0	0	364	0	0	69	45	15	0	58	0	0	0	0	0	0	0
Remainder of Naknek River drainage	930	2,498	329	1,005	479	541	0	0	0	0	0	8	0	0	0	0	0	0	0
American Creek	1,278	2,183	0	86	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0
Brooks River	1,804	3,951	0	118	353	0	0	0	0	0	26	0	0	0	0	0	0	0	0
Cold Bay Area Freshwater	385	2,331	42	1,773	0	82	31	0	123	0	0	0	0	0	0	0	0	0	0
Ugashik System	362	598	26	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Alaska Peninsula / Aleutian Streams	1,284	5,033	653	2,854	1,221	262	31	0	1,191	0	0	0	0	0	0	0	0	0	0
Other Alaska Peninsula / Aleutian Lakes	365	753	39	14	156	0	0	65	15	10	0	0	0	0	0	0	0	0	0
Unspecified Streams and Lakes	334	1,038	13	289	65	45	0	67	44	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	7,340	32,004	2,071	11,808	8,167	1,074	88	201	1,628	200	73	91	0	3,867	0	0	0	0	0
GRAND TOTAL	8,428	39,738	2,134	12,133	8,596	1,366	132	201	2,052	200	73	91	0	4,496	3,719	1,288	147	1,580	0

Note: Naknek River drainage-Alaska Peninsula (Area R): All Alaskan waters, including drainages, between Cape Douglas and the community of Naknek; including the Naknek River drainage, and the Aleutian Island chain. Does not include Cape Douglas.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.81.—Naknek River drainage-Alaska Peninsula Area standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	NP	BB	SM	HA	RF	LC	PC	Other ^a
SALTWATER:																		
Boat—Unalaska Bay	1,300	0	0	0	97	0	0	152	0	0	0	0	0	709	271	82	392	0
Boat—Other	873	53	72	184	94	13	0	149	0	0	0	0	611	451	319	53	273	0
Shoreline	357	0	130	97	46	29	0	45	0	0	0	0	0	0	73	0	127	0
SALTWATER TOTAL	1,662	53	146	210	143	32	0	221	0	0	0	0	611	848	417	99	505	0
FRESHWATER:																		
Egegik River and Becharof System	203	13	319	0	0	0	0	78	0	14	0	0	0	0	0	0	0	0
Naknek River above Rapids Camp	975	24	554	993	56	11	0	45	64	0	25	0	1,335	0	0	0	0	0
Naknek River below Rapids Camp	1,222	246	714	618	46	15	0	36	48	34	0	0	2,512	0	0	0	0	0
Naknek Lake	237	0	0	196	0	0	38	33	16	0	37	0	0	0	0	0	0	0
Remainder of Naknek River drainage	592	244	578	231	542	0	0	0	0	0	8	0	0	0	0	0	0	0
American Creek	397	0	92	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0
Brooks River	959	0	123	233	0	0	0	0	0	25	0	0	0	0	0	0	0	0
Cold Bay Area Freshwater	1,233	42	765	0	82	30	0	95	0	0	0	0	0	0	0	0	0	0
Ugashik System	189	27	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Alaska Peninsula / Aleutian Streams	767	245	959	506	146	32	0	557	0	0	0	0	0	0	0	0	0	0
Other Alaska Peninsula / Aleutian Lakes	264	38	15	99	0	0	68	15	9	0	0	0	0	0	0	0	0	0
Unspecified Streams and Lakes	334	13	200	52	45	0	67	45	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	2,490	438	1,624	1,355	578	48	103	576	81	43	45	0	2,862	0	0	0	0	0
GRAND TOTAL	2,983	441	1,624	1,376	600	58	103	618	81	43	45	0	2,926	848	417	99	505	0

Note: Naknek River drainage-Alaska Peninsula (Area R): All Alaskan waters, including drainages, between Cape Douglas and the community of Naknek; including the Naknek River drainage, and the Aleutian Island chain.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.82.—Kvichak River drainage Area sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^b
Boat—Kvichak Bay	129	244	84	57	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:																
Battle River	539	592	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alagnak (Branch) River drainage	2,356	8,652	394	1,022	2,849	278	278	65	0	66	0	0	0	0	0	0
Copper River (tributary of Iliamna Lake)	741	1,520	26	48	195	0	0	0	30	0	0	0	0	0	0	0
Gibraltar River	418	501	0	0	126	0	0	0	0	27	0	64	0	0	0	0
Iliamna River	313	751	0	0	664	0	0	0	0	15	0	0	0	0	0	0
Kukaklek River	798	1,058	26	19	70	0	0	0	0	0	0	0	0	0	0	0
Kvichak River	2,335	5,849	344	1,070	2,777	0	37	67	0	136	464	0	34	0	0	0
Kulik River	1,183	1,898	0	0	0	0	0	0	0	22	0	0	0	0	0	0
Lower Talarik Creek	270	354	0	19	0	0	0	0	0	0	0	0	0	0	0	0
Moraine Creek	1,494	2,189	0	0	0	0	0	0	33	0	0	0	0	0	0	0
Newhalen River drainage	517	1,470	78	54	1,039	18	0	115	137	272	107	0	0	0	0	0
Lake Clark drainage	626	2,008	42	77	225	0	0	112	0	0	180	0	137	0	0	0
Iliamna Lake and Tributaries	811	1,795	13	114	1,271	0	0	267	131	351	67	0	289	0	0	0
Unspecified Streams and Lakes	191	594	65	67	130	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	7,327	29,231	988	2,490	9,346	296	315	626	331	889	818	64	460	0	0	0
GRAND TOTAL	7,394	29,475	1,072	2,547	9,346	296	315	626	331	889	818	64	460	0	0	0

Note Kvichak River drainage (Area S): All lakes and tributaries of the Kvichak River drainage, including Nonvianuk Lake, Kukaklek Lake, Kulik Lake, Lake Iliamna, and Lake Clark.

Note Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.83.—Kvichak River drainage Area standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^a
Boat—Kvichak Bay	142	87	59	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:															
Battle River	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alagnak (Branch) River drainage	1,417	136	417	994	126	148	38	0	66	0	0	0	0	0	0
Copper River (tributary of Iliamna Lake)	307	26	36	111	0	0	0	29	0	0	0	0	0	0	0
Gibraltar River	124	0	0	90	0	0	0	0	28	0	65	0	0	0	0
Iliamna River	266	0	0	344	0	0	0	0	15	0	0	0	0	0	0
Kukaklek River	245	26	20	71	0	0	0	0	0	0	0	0	0	0	0
Kvichak River	852	142	365	851	0	28	69	0	139	303	0	35	0	0	0
Kulik River	323	0	0	0	0	0	0	0	22	0	0	0	0	0	0
Lower Talarik Creek	113	0	19	0	0	0	0	0	0	0	0	0	0	0	0
Moraine Creek	322	0	0	0	0	0	0	34	0	0	0	0	0	0	0
Newhalen River drainage	604	79	39	467	17	0	94	138	246	73	0	0	0	0	0
Lake Clark drainage	533	42	76	153	0	0	55	0	0	104	0	89	0	0	0
Iliamna Lake and Tributaries	425	14	49	582	0	0	187	103	232	63	0	239	0	0	0
Unspecified Streams and Lakes	245	62	54	95	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,956	227	558	1,512	127	150	227	174	372	330	65	256	0	0	0
GRAND TOTAL	1,963	240	560	1,512	127	150	227	174	372	330	65	256	0	0	0

Note: Kvichak River drainage (Area S): All lakes and tributaries of the Kvichak River drainage, including Nonvianuk Lake, Kukaklek Lake, Kulik Lake, Lake Iliamna, and Lake Clark.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.84.—Nushagak Area sport fish harvest and estimates by fisheries and species, 2008.

Area Fished	Days		KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^b
	Anglers ^a	Fished														
Saltwater Sites	77	216	56	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:																
Nushagak River—Black Point upstream to Sonar Site	1,926	6,671	3,305	3,944	247	39	623	0	63	0	13	0	8	0	0	0
Nushagak River—Sonar Site to Outlet of Mulchatna R.	1,564	4,957	2,153	1,222	191	0	355	0	0	10	56	0	20	0	0	0
Nushagak River—upstream from mouth of Mulchatna R.	665	1,399	202	778	78	0	45	0	0	22	141	0	0	0	0	0
Other Nushagak River System, excluding Mulchatna	940	1,909	845	446	52	11	22	0	0	0	33	0	0	0	506	0
Mulchatna River drainage	408	1,524	91	29	65	0	11	73	121	25	256	0	0	0	0	0
Agulupak River (Wood River Lakes System)	795	1,239	0	0	65	9	0	0	0	0	0	0	8	0	0	0
Agulowak River (Wood River Lakes System)	1,159	2,040	0	110	250	197	0	0	222	77	0	0	0	0	0	0
Aleknagik Lake (Wood River Lakes System)	716	2,025	0	39	540	72	0	0	246	0	17	0	72	0	0	0
Other Wood River Lakes System	1,260	4,459	26	143	670	135	0	0	230	31	14	0	153	0	0	0
Tikchik-Nuyakuk Lake System	715	2,070	104	77	195	0	0	20	15	0	320	0	0	0	0	0
Togiak River System	1,880	4,944	892	3,420	104	90	61	0	392	11	95	0	0	0	353	0
Other Streams and Lakes	505	1,185	26	287	0	0	0	0	11	0	0	0	0	0	0	0
FRESHWATER TOTAL	7,895	34,422	7,644	10,495	2,457	553	1,117	93	1,300	176	945	0	261	0	859	0
GRAND TOTAL	7,914	34,638	7,700	10,495	2,457	553	1,117	93	1,300	176	945	0	261	0	859	0

Note: Nushagak and Togiak Bay drainages (Area T): All lakes and tributaries of the Nushagak River drainage, including the Mulchatna River drainage, the Wood River and Tikchik Lake systems, and waters westward to Cape Newenham.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.85.—Nushagak Area standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^a
Saltwater Sites	119	40	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:															
Nushagak River—Black Point upstream to Sonar Site	1,462	577	3,152	146	29	288	0	44	0	13	0	8	0	0	0
Nushagak River—Sonar Site to Outlet of Mulchatna R.	875	418	470	87	0	118	0	0	10	56	0	20	0	0	0
Nushagak River—upstream from mouth of Mulchatna R.	347	96	347	66	0	44	0	0	22	128	0	0	0	0	0
Other Nushagak River System, excluding Mulchatna	427	233	258	38	11	22	0	0	0	36	0	0	0	520	0
Mulchatna River drainage	392	69	21	65	0	11	50	91	17	174	0	0	0	0	0
Agulukpak River (Wood River Lakes System)	293	0	0	46	9	0	0	0	0	0	0	8	0	0	0
Agulowak River (Wood River Lakes System)	437	0	96	153	203	0	0	139	47	0	0	0	0	0	0
Aleknagik Lake (Wood River Lakes System)	815	0	30	356	51	0	0	114	0	17	0	63	0	0	0
Other Wood River Lakes System	857	25	90	428	81	0	0	157	29	14	0	80	0	0	0
Tikchik-Nuyakuk Lake System	502	106	56	191	0	0	20	15	0	188	0	0	0	0	0
Togiak River System	688	257	658	84	55	45	0	214	11	71	0	0	0	252	0
Other Streams and Lakes	537	26	133	0	0	0	0	11	0	0	0	0	0	0	0
FRESHWATER TOTAL	2,437	817	3,334	636	233	329	54	335	64	297	0	104	0	590	0
GRAND TOTAL	2,439	815	3,334	636	233	329	54	335	64	297	0	104	0	590	0

Note: Nushagak and Togiak Bay drainages (Area T): All lakes and tributaries of the Nushagak River drainage, including the Mulchatna River drainage, the Wood River and Tikchik Lake systems, and waters westward to Cape Newenham.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.86.—Tanana River drainages sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days		KS	SS	LS	CS	LT	DV	RT	GRU ^b	GRO ^b	WF	SF	NPU ^c	NPO ^c	BB	Other ^d
	Anglers ^a	Fished															
Brushkana Creek	483	671	0	0	0	0	0	87	0	45	296	0	0	0	0	0	0
Lower Chatanika River (downstream of Elliot Hwy)	968	1,592	30	0	0	0	0	0	0	17	454	71	14	116	0	0	0
Upper Chatanika River (upstream of Elliot Hwy)	1,040	1,966	0	0	0	0	0	0	0	80	438	0	0	0	0	0	0
Chena River below Dam	2,901	9,114	150	0	0	15	0	0	0	0	0	92	0	39	25	101	0
Chena River above Dam	2,686	5,688	0	0	0	0	0	0	0	0	0	0	0	0	0	101	0
Delta Clearwater	1,356	2,248	0	65	0	0	0	0	0	214	0	0	0	0	0	0	0
Minto Flats	663	887	0	0	0	0	0	0	0	0	0	0	0	103	155	0	0
Nenana River drainage, excluding Brushkana Creek	456	1,050	0	86	0	0	15	0	0	308	279	0	0	24	0	17	0
Piledriver Slough	695	1,900	0	0	0	0	0	0	0	0	0	0	0	36	0	90	0
Salcha River	1,129	3,394	74	0	0	46	0	0	0	49	527	0	0	0	0	0	0
Lower Tanana River and Tributaries	518	1,382	0	0	0	0	0	31	0	601	156	24	56	104	19	365	0
Middle Tanana River and Tributaries	801	1,658	0	0	0	0	0	0	0	43	110	0	0	0	0	519	0
Upper Tanana River and Tributaries	663	1,303	0	0	0	0	8	0	0	53	996	0	0	33	0	0	0
Tangle Lakes drainage above Wildhorse Creek	2,153	3,443	0	0	0	0	232	0	0	990	931	0	0	0	0	17	0
Tok and Northway Area	280	526	0	0	0	0	0	0	10	0	26	0	0	60	12	0	0
Other Streams	511	1,101	0	19	0	0	0	92	0	28	120	40	13	26	0	0	0
Birch Lake	2,529	5,177	0	0	1,172	0	0	1,575	2,694	23	0	0	0	0	0	0	0
Chena Hot Springs Road Ponds	806	1,263	0	0	0	0	0	0	267	0	0	0	0	0	0	0	0
Chena Lake	3,487	9,300	0	0	3,096	0	0	336	2,827	57	17	0	0	0	0	0	0
Coal Mine Road Lakes	645	971	0	0	0	0	138	134	15	80	162	0	0	0	0	0	0
Fielding Lake	595	1,203	0	0	0	0	7	0	0	217	521	0	0	0	0	0	0
George Lake	413	526	0	0	0	0	0	0	0	0	0	0	0	228	36	17	0
Harding Lake	642	1,504	0	0	0	0	23	73	0	0	0	0	0	0	0	0	0
Parks Highway pond at mile 214	495	494	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Quartz Lake	2,541	4,860	0	0	892	0	0	366	2,541	0	0	0	0	0	0	0	0
Richardson Highway Stocked Lakes	310	1,218	0	0	0	0	0	251	662	0	0	0	0	0	0	0	0
Steese Ponds	589	949	0	0	0	0	0	45	319	169	0	0	0	0	0	0	0
Other Lakes	2,423	6,947	0	0	192	0	83	0	1,241	94	21	0	0	307	58	0	0
TOTAL	20,287	72,335	254	170	5,352	61	506	2,990	10,576	3,068	5,054	227	83	1,076	305	1,227	0

Note: Tanana River drainages (Area U): The entire Tanana River watershed, excluding all portions of the Yukon and Kuskokwim rivers watersheds.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b GRU is Arctic grayling less than 12 inches; GRO is Arctic grayling 12 inches and over.

^c NPU is northern pike less than 30 inches; NPO is northern pike 30 inches and over.

^d Numbers were reported but species could not be determined, or species were incidental.

Table 2.87.—Tanana River drainages standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	LS	CS	LT	DV	RT	GRU ^b	GRO ^b	WF	SF	NPU ^c	NPO ^c	BB	Other ^a
Brushkana Creek	217	0	0	0	0	0	78	0	36	169	0	0	0	0	0	0
Lower Chatanika River (downstream of Elliot Hwy)	345	30	0	0	0	0	0	0	17	342	49	15	52	0	0	0
Upper Chatanika River (upstream of Elliot Hwy)	443	0	0	0	0	0	0	0	56	205	0	0	0	0	0	0
Chena River below Dam	2,154	87	0	0	15	0	0	0	0	0	68	0	38	18	77	0
Chena River above Dam	743	0	0	0	0	0	0	0	0	0	0	0	0	0	98	0
Delta Clearwater	447	0	42	0	0	0	0	0	171	0	0	0	0	0	0	0
Minto Flats	198	0	0	0	0	0	0	0	0	0	0	0	49	66	0	0
Nenana River drainage, excluding Brushkana Creek	299	0	87	0	0	16	0	0	254	253	0	0	24	0	18	0
Piledriver Slough	487	0	0	0	0	0	0	0	0	0	0	0	37	0	85	0
Salcha River	1,033	35	0	0	46	0	0	0	27	283	0	0	0	0	0	0
Lower Tanana River and Tributaries	462	0	0	0	0	0	29	0	367	81	18	38	62	13	210	0
Middle Tanana River and Tributaries	415	0	0	0	0	0	0	0	28	73	0	0	0	0	279	0
Upper Tanana River and Tributaries	380	0	0	0	0	8	0	0	31	351	0	0	33	0	0	0
Tangle Lakes drainage above Wildhorse Creek	537	0	0	0	0	89	0	0	355	280	0	0	0	0	18	0
Tok and Northway Area	200	0	0	0	0	0	0	10	0	26	0	0	60	12	0	0
Other Streams	339	0	20	0	0	0	68	0	19	66	41	13	26	0	0	0
Birch Lake	1,148	0	0	615	0	0	796	713	23	0	0	0	0	0	0	0
Chena Hot Springs Road Ponds	273	0	0	0	0	0	0	118	0	0	0	0	0	0	0	0
Chena Lake	1,567	0	0	1,737	0	0	299	941	44	17	0	0	0	0	0	0
Coal Mine Road Lakes	338	0	0	0	0	94	83	15	50	102	0	0	0	0	0	0
Fielding Lake	345	0	0	0	0	7	0	0	122	247	0	0	0	0	0	0
George Lake	153	0	0	0	0	0	0	0	0	0	0	0	123	20	17	0
Harding Lake	702	0	0	0	0	17	40	0	0	0	0	0	0	0	0	0
Parks Highway pond at mile 214	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Quartz Lake	822	0	0	375	0	0	147	613	0	0	0	0	0	0	0	0
Richardson Highway Stocked Lakes	561	0	0	0	0	0	250	451	0	0	0	0	0	0	0	0
Steese Ponds	288	0	0	0	0	0	46	145	118	0	0	0	0	0	0	0
Other Lakes	1,576	0	0	79	0	51	0	277	77	15	0	0	112	31	0	0
TOTAL	3,918	99	100	1,877	48	142	895	1,452	645	754	95	42	214	82	372	0

Note: Tanana River drainages (Area U): The entire Tanana River watershed, excluding all portions of the Yukon and Kuskokwim rivers watersheds.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a GRU is Arctic grayling less than 12 inches; GRO is Arctic grayling 12 inches and over.

^b NPU is northern pike less than 30 inches; NPO is northern pike 30 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.88.—Kuskokwim River-Kuskokwim Bay drainages sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days		KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	SF	NP	BB	SM	HA	Other ^b
	Anglers ^a	Fished																
Saltwater Sites	59	108	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:																		
Kuskokwim River drainages above Aniak River	627	1,516	231	1,175	0	0	45	0	306	0	106	32	81	80	0	0	0	0
Kuskokwim River drainages below Aniak River																		
Aniak River	683	4,559	26	799	102	0	45	0	948	0	253	33	0	60	0	0	0	0
Kisaralik River	552	2,576	148	807	171	23	31	0	113	136	121	31	0	9	0	0	0	0
Kwethluk River	239	1,092	149	117	0	0	0	0	36	26	42	0	0	0	0	0	0	0
Kuskokwim River mainstem, below Aniak River	565	1,958	154	857	0	0	0	0	0	0	84	0	0	0	0	304	0	9
Total Kuskokwim River drainages below Aniak River	1,760	10,185	477	2,580	273	23	76	0	1,097	162	500	64	0	69	0	304	0	9
Kuskokwim Bay drainages:																		
Goodnews River	449	1,782	78	220	104	9	26	0	231	47	26	0	0	0	0	0	0	0
Kanektok River	1,310	8,024	220	1,541	654	0	48	0	223	0	0	0	0	0	0	0	0	0
Streams and Lakes in Kuskokwim Bay	354	969	0	552	78	0	67	22	45	10	55	0	110	0	0	0	0	0
Total Kuskokwim Bay drainages	1,972	10,775	298	2,313	836	9	141	22	499	57	81	0	110	0	0	0	0	0
Other Streams	96	3,278	31	221	0	0	0	0	136	0	26	0	0	16	0	0	0	0
FRESHWATER TOTAL	4,231	25,754	1,037	6,289	1,109	32	262	22	2,038	219	713	96	191	165	0	304	0	9
GRAND TOTAL	4,231	25,862	1,037	6,344	1,109	32	262	22	2,038	219	713	96	191	165	0	304	0	9

Note: Kuskokwim-River -Kuskokwim Bay drainages (Area V): The Kuskokwim River drainage and all waters flowing into Kuskokwim Bay; adjacent saltwater from Cape Newenham north to the Naskonat Peninsula (north of Nelson Island). Does not include the Yukon, Tanana, or Koyukuk River drainages.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.89.—Kuskokwim River-Kuskokwim Bay drainages standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	SF	NP	BB	SM	HA	Other ^a
Saltwater Sites	77	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:																	
Kuskokwim River drainages above Aniak River	318	103	522	0	0	43	0	149	0	56	33	66	44	0	0	0	0
Kuskokwim River drainages below Aniak River																	
Aniak River	1,469	27	252	79	0	44	0	400	0	101	32	0	55	0	0	0	0
Kisaralik River	632	85	293	174	23	31	0	59	103	64	31	0	9	0	0	0	0
Kwethluk River	370	123	57	0	0	0	0	37	19	42	0	0	0	0	0	0	0
Kuskokwim River mainstem, below Aniak River	834	107	305	0	0	0	0	0	0	85	0	0	0	0	304	0	10
Total Kuskokwim River drainages below Aniak River	1,839	183	494	190	23	54	0	409	104	153	45	0	56	0	304	0	10
Kuskokwim Bay drainages																	
Goodnews River	468	56	99	73	9	27	0	104	30	26	0	0	0	0	0	0	0
Kanektok River	1,361	113	525	409	0	34	0	96	0	0	0	0	0	0	0	0	0
Streams and Lakes in Kuskokwim Bay	332	0	450	60	0	66	16	34	10	42	0	112	0	0	0	0	0
Total Kuskokwim Bay drainages	1,476	126	709	421	9	80	16	147	32	49	0	112	0	0	0	0	0
Other Streams	3,011	30	156	0	0	0	0	82	0	26	0	0	17	0	0	0	0
FRESHWATER TOTAL	3,776	253	1,004	456	24	102	16	463	109	172	55	130	72	0	304	0	10
GRAND TOTAL	3,780	253	1,005	456	24	102	16	463	109	172	55	130	72	0	304	0	10

Note: Kuskokwim-River -Kuskokwim Bay drainages (Area V): The Kuskokwim River drainage and all waters flowing into Kuskokwim Bay; adjacent saltwater from Cape Newenham north to the Naskonat Peninsula (north of Nelson Island). Does not include the Yukon, Tanana, or Koyukuk River drainages.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.90.—Seward Peninsula-Norton Sound drainages sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KS	SS	RS	PS	CS	DV	GRU ^b	GRO ^b	WF	SF	NP	BB	SM	HA	KC	Other ^c
Saltwater Sites	197	655	0	83	51	935	381	0	0	0	0	0	0	0	0	0	393	0
FRESHWATER:																		
Fish and Niukluk Rivers	388	3,910	0	1,986	0	969	166	1,061	200	122	15	0	24	13	0	0	0	0
Nome River	660	5,272	0	1,793	0	2,954	0	46	0	0	0	0	0	0	0	0	0	0
Snake River	421	1,740	0	563	17	539	0	46	17	17	0	0	0	0	0	0	0	0
Unalakleet River	1,006	5,129	580	6,029	0	2,077	175	1,062	214	132	48	0	0	0	0	0	0	0
Other Streams and Lakes	1,115	5,289	0	1,493	192	785	33	1,104	148	115	76	0	489	50	0	0	0	0
FRESHWATER TOTAL	2,549	21,340	580	11,864	209	7,324	374	3,319	579	386	139	0	513	63	0	0	0	0
GRAND TOTAL	2,569	21,995	580	11,947	260	8,259	755	3,319	579	386	139	0	513	63	0	0	393	0

Note: Seward Peninsula-Norton Sound drainages (Area W): All waters north of the Yukon River drainage, including all saltwater north and west of Pastol Bay in Norton Sound; and south of the Selawik River drainage. Does not include the Selawik River.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b GRU is Arctic grayling less than 15 inches; GRO is Arctic grayling 15 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.91.—Seward Peninsula-Norton Sound drainages standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	RS	PS	CS	DV	GRU ^b	GRO ^b	WF	SF	NP	BB	SM	HA	KC	Other ^a
Saltwater Sites	359	0	83	49	703	367	0	0	0	0	0	0	0	0	0	403	0
FRESHWATER:																	
Fish and Niukluk Rivers	1,686	0	790	0	475	99	592	105	64	15	0	16	13	0	0	0	0
Nome River	2,738	0	765	0	1,174	0	33	0	0	0	0	0	0	0	0	0	0
Snake River	592	0	284	17	366	0	45	16	16	0	0	0	0	0	0	0	0
Unalakleet River	1,013	434	1,427	0	1,217	94	376	99	89	41	0	0	0	0	0	0	0
Other Streams and Lakes	1,040	0	480	129	326	34	790	101	92	78	0	256	51	0	0	0	0
FRESHWATER TOTAL	3,493	434	1,841	130	1,809	141	1,045	182	145	92	0	257	53	0	0	0	0
GRAND TOTAL	3,502	434	1,843	136	1,925	393	1,045	182	145	92	0	257	53	0	0	403	0

Note: Seward Peninsula-Norton Sound drainages (Area W): All waters north of the Yukon River drainage, including all saltwater north and west of Pastol Bay in Norton Sound; and south of the Selawik River drainage. Does not include the Selawik River.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a GRU is Arctic grayling less than 15 inches; GRO is Arctic grayling 15 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.92.—Northwest Alaska drainages sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KS	SS	RS	PS	CS	LT	DVU ^b	DVO ^b	GR	WF	SF	NP	BB	SM	Other ^c
Saltwater Sites	79	407	0	0	0	0	0	0	0	0	0	0	61	0	0	0	155
FRESHWATER:																	
Kobuk River drainage	371	1,183	14	0	0	0	1,983	0	0	0	47	88	0	19	67	0	32
Noatak River drainage	441	1,621	0	0	0	18	567	0	623	17	232	80	0	34	0	0	0
Other Streams	340	1,210	0	63	0	9	30	0	212	0	14	0	0	0	0	0	0
FRESHWATER TOTAL	997	4,014	14	63	0	27	2,580	0	835	17	293	168	0	53	67	0	32
GRAND TOTAL	1,036	4,421	14	63	0	27	2,580	0	835	17	293	168	61	53	67	0	187

Note: Northwest Alaska drainages (Area X): Kotzebue area including drainages of Selawik, Kobuk, Noatak, Wulik, and Kivalina rivers. All saltwater in the northern half of Kotzebue Sound to and including Point Hope.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b DVU is Dolly Varden and Arctic char less than 20 inches; DVO is Dolly Varden and Arctic char 20 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.93.—Northwest Alaska drainages standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	RS	PS	CS	LT	DVU ^a	DVO ^a	GR	WF	SF	NP	BB	SM	Other ^a
Saltwater Sites	351	0	0	0	0	0	0	0	0	0	0	62	0	0	0	135
FRESHWATER:																
Kobuk River drainage	393	14	0	0	0	1,920	0	0	0	39	64	0	14	66	0	22
Noatak River drainage	482	0	0	0	18	387	0	269	17	109	84	0	26	0	0	0
Other Streams	506	0	63	0	8	21	0	123	0	14	0	0	0	0	0	0
FRESHWATER TOTAL	792	14	63	0	19	1,958	0	295	17	117	104	0	29	66	0	22
GRAND TOTAL	863	14	63	0	19	1,958	0	295	17	117	104	62	29	66	0	135

Note: Northwest Alaska drainages (Area X): Kotzebue area including drainages of Selawik, Kobuk, Noatak, Wulik, and Kivalina rivers. All saltwater in the northern half of Kotzebue Sound to and including Point Hope.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a DVU is Dolly Varden and Arctic char less than 20 inches; DVO is Dolly Varden and Arctic char 20 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.94.—Yukon River drainages sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days																
		Fished	KS	SS	RS	PS	CS	LT	DV	GR	WF	SF	NPU ^c	NPO ^c	BB	SM	HA	Other ^b
FRESHWATER:																		
Yukon River drainages (downstream from the Koyukuk River)	511	1,960	140	171	0	0	310	0	0	776	168	182	128	24	0	0	0	9
Yukon River drainages (Koyukuk River to Fort Yukon):																		
Haul Road Streams and Lakes accessed from Dalton Hwy	592	987	0	0	0	0	0	0	0	285	0	0	0	0	39	0	0	0
Other waters (Koyukuk R. to Ft. Yukon) not accessed from Dalton Hwy	1,318	9,235	15	0	0	0	0	33	0	1,384	62	254	1,082	269	202	0	0	0
Total Yukon River drainages (Koyukuk River to Fort Yukon)	1,875	10,222	15	0	0	0	0	33	0	1,669	62	254	1,082	269	241	0	0	0
Yukon River drainages–Canadian border to Ft Yukon	339	791	0	0	0	0	0	0	36	86	0	26	74	0	38	0	0	0
TOTAL	2,551	12,973	155	171	0	0	310	33	36	2,531	230	462	1,284	293	279	0	0	9

Note: Yukon River drainages (Area Y): All Yukon River drainages (including the Alaska portion of the White River drainage but excluding the Tanana River drainage), from the south side of the Brooks Range to the Bering Sea; and from the Canadian border to the Bering Sea; and all drainages of the Koyukuk River and Alatna rivers.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.95. Yukon River drainages standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	SS	RS	PS	CS	LT	DV	GR	WF	SF	NPU ^c	NPO ^c	BB	SM	HA	Other ^a
FRESHWATER:																	
Yukon River drainages (downstream from the Koyukuk River)	516	93	101	0	0	200	0	0	501	117	187	64	25	0	0	0	9
Yukon River drainages (Koyukuk River to Fort Yukon):																	
Haul Road Streams and Lakes accessed from Dalton Hwy	220	0	0	0	0	0	0	0	124	0	0	0	0	39	0	0	0
Other Waters (Koyukuk R. to Ft. Yukon) not accessed from Dalton Hwy	2,791	16	0	0	0	0	34	0	602	42	140	527	153	176	0	0	0
Total Yukon River drainages (Koyukuk River to Fort Yukon)	2,800	16	0	0	0	0	34	0	612	42	140	527	153	179	0	0	0
Yukon River drainages—Canadian border to Ft Yukon	265	0	0	0	0	0	0	37	54	0	26	54	0	28	0	0	0
TOTAL	2,861	94	101	0	0	200	34	37	801	121	235	533	155	180	0	0	9

Note: Yukon River drainages (Area Y): All Yukon River drainages (including the Alaska portion of the White River drainage but excluding the Tanana River drainage), from the south side of the Brooks Range to the Bering Sea; and from the Canadian border to the Bering Sea; and all drainages of the Koyukuk River and Alatna rivers.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.96.—North Slope Brooks Range drainages sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Anglers ^a	Days Fished	KS	PS	CS	LT	DV	GR	WF	NP	BB	SM	Other ^b
Saltwater Sites	86	140	0	216	0	0	0	113	0	0	0	0	18
FRESHWATER:													
Ivishak River	324	718	0	0	0	0	148	171	0	0	0	0	0
Sagavanirktok River	585	2,177	0	0	0	0	31	429	0	0	0	0	0
Other Streams	329	1,869	0	0	0	0	173	210	0	0	0	0	0
Lakes	174	695	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,169	5,459	0	0	0	0	352	810	0	0	0	0	0
GRAND TOTAL	1,255	5,599	0	216	0	0	352	923	0	0	0	0	18

Note: North Slope Brooks Range drainages (Area Z): All Alaskan waters, including drainages, north of the Brooks Range and flowing into the Beaufort and Chukchi seas to the north and east of Point Hope. Does not include Point Hope.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.97.—North Slope Brooks Range drainages standard errors of sport fish harvest and effort estimates by fisheries and species, 2008.

Area Fished	Days Fished	KS	PS	CS	LT	DV	GR	WF	NP	BB	SM	Other ^a
Saltwater Sites	87	0	215	0	0	0	118	0	0	0	0	18
FRESHWATER:												
Ivishak River	237	0	0	0	0	87	78	0	0	0	0	0
Sagavanirktok River	762	0	0	0	0	22	214	0	0	0	0	0
Other Streams	690	0	0	0	0	118	158	0	0	0	0	0
Lakes	293	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,093	0	0	0	0	146	276	0	0	0	0	0
GRAND TOTAL	1,105	0	215	0	0	146	300	0	0	0	0	18

Note: North Slope Brooks Range drainages (Area Z): All Alaskan waters, including drainages, north of the Brooks Range and flowing into the Beaufort and Chukchi seas to the north and east of Point Hope. Does not include Point Hope.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.3 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.98.—Comparison of 2008 Alaska statewide survey and onsite survey estimates and confidence intervals.

Fishery	Onsite survey					Alaska statewide harvest survey				
	Harvest	SE	95% Confidence Interval			Harvest	SE	95% Confidence Interval		
Ketchikan Marine Boat ^a										
Chinook salmon over 28"	3,677	382	2,928	–	4,426	6,301	701	5,082	–	7,780
Chinook salmon under 28"	456	121	219	–	693	1,139	276	658	–	1,721
Coho salmon	25,508	2,344	20,914	–	30,102	46,224	3,749	39,288	–	3,857
Sockeye salmon	5	4	0	–	13	882	321	337	–	1,576
Pink salmon	23,141	4,333	14,648	–	31,634	23,109	2,440	18,826	–	28,396
Chum salmon	943	172	606	–	1,280	1,762	292	1,234	–	2,384
Pacific halibut	8,317	754	6,839	–	9,795	18,689	1,969	15,493	–	23,147
Lingcod	622	103	420	–	824	1,213	209	821	–	1,654
Rockfish	6,904	926	5,089	–	8,719	15,529	1,461	12,741	–	18,581
Sitka Marine Boat ^a										
Chinook salmon over 28"	10,236	1,010	8,256	–	12,216	13,774	817	12,238	–	15,425
Chinook salmon under 28"	0	0	0		0	78	57	0		207
Coho salmon	27,295	2,595	22,209	–	32,381	44,729	2,738	39,262	–	49,920
Sockeye salmon	5	5	0	–	15	171	71	45	–	322
Pink salmon	3,053	450	2,171	–	3,935	3,293	415	2,492	–	4,133
Chum salmon	406	101	208	–	604	1,102	307	556	–	1,775
Pacific halibut	19,869	1,597	16,739	–	22,999	31,829	1,642	28,686	–	35,161
Lingcod	1,676	206	1,272	–	2,080	2,996	253	2,505	–	3,481
Rockfish	44,774	3,693	37,536	–	52,012	48,276	2,863	43,063	–	54,046
Juneau Marine Boat ^a										
Chinook salmon over 28"	3,003	231	2,550	–	3,456	7,750	1,076	5,767	–	9,878
Chinook salmon under 28"	168	35	99	–	237	247	78	103	–	416
Coho salmon	4,354	443	3,486	–	5,222	15,708	1,421	12,986	–	18,569
Sockeye salmon	60	21	19	–	101	1,510	828	295	–	3,284
Pink salmon	878	133	617	–	1,139	3,916	571	2,862	–	5,046
Chum salmon	2,057	428	1,218	–	2,896	1,848	329	1,223	–	2,533
Pacific halibut	9,027	851	7,359	–	10,695	34,440	2,171	30,380	–	38,697
Lingcod	0	0	0	–	0	217	57	121	–	342
Rockfish	1,465	660	171	–	2,759	6,022	850	4,525	–	7,756
Dolly Varden	330	133	69	–	591	1,436	397	779	–	2,284

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Table 2-98.—Page 2 of 2.

Fishery	Onsite survey					Alaska statewide harvest survey				
	Harvest	SE	95% Confidence Interval			Harvest	SE	95% Confidence Interval		
Kasilof River										
Early Chinook salmon, total	1,984	305	1,386	–	2,582	2,996	304	2,399	–	3,606
Kenai River – Cook Inlet to Soldotna Bridge										
Early Chinook salmon, guided ^d	1,702	170	1,369	–	2,035	1,574	171	1,247	–	1,917
Early Chinook salmon, nonguided ^d	900	135	635	–	1,165	1,322	162	1,007	–	1,652
Late Chinook salmon, guided ^d	5,748	635	4,503	–	6,993	4,449	331	3,799	–	5,090
Late Chinook salmon, nonguided ^d	3,525	351	2,837	–	4,213	5,999	449	5,102	–	6,878

Table 2.99.—Number of households responding to the 2008 standard and supplementary sport fish surveys by fishery.

Area	Standard	Supplementary	Total
Area A. Ketchikan Area			
SALTWATER			
Boat—East, West Behm Canals	199	176	375
Boat—Bell Island	9	7	16
Boat—Carroll Inlet	15	21	36
Boat—Clarence Strait	25	59	84
Boat—Duke Island	11	16	27
Boat—Clover Pass	6	12	18
Boat—Herring Cove	3	38	41
Boat—Knudsen Cove	9	20	29
Boat—Mountain Point	75	86	161
Boat—Nichols Passage	2	12	14
Boat—Revillagigedo Channel	15	42	57
Boat—Terminal Harvest Area—Ketchikan	132	38	170
Boat—Tongass Narrows	13	31	44
Boat—Yes Bay	38	17	55
Boat—Other	10	26	36
Shoreline—Herring Cove	39	12	51
Shoreline—Other	12	13	25
FRESHWATER			
Ketchikan Creek	22	13	35
Naha River	11	6	17
Ward Cove Creek	25	23	48
White River	8	6	14
Other Streams	4	8	12
Lakes	23	14	37
Area B. Prince of Wales Island Area			
SALTWATER			
Boat—Thorne Bay	3	14	17
Boat—Eastside Prince of Wales Island	97	98	195
Boat—Westside Prince of Wales Island	181	185	366
Boat—Craig Area	4	12	16
Boat—Noyes Island	5	17	22
Boat—Waterfall Bay	40	32	72
Boat—Other	4	6	10
Shoreline—Neck Lake Outlet Terminal Fishery	10	6	16
Shoreline—Other	8	7	15
FRESHWATER			
Black Bear Creek	5	9	14
Eagle Creek	13	14	27
Harris River	8	16	24
Karta River	7	5	12
Klawock River	25	30	55
Staney Creek	24	19	43
Thorne System (Stream, Lake)	41	32	73
Other Streams	26	38	64
Lakes	8	12	20

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Table 2.99.–Page 2 of 11.

Area	Standard	Supplementary	Total
Area C. Kake, Petersburg, Wrangell, Stikine Area			
SALTWATER			
Boat–Frederick Sound near Petersburg	66	42	108
Boat–Terminal Harvest Area near Petersburg	11	6	17
Boat–Rest of Petersburg Area	24	19	43
Boat–Wrangell Narrows	41	46	87
Boat–Kake Area	12	11	23
Boat–Greys Pass / Banana Point	11	5	16
Boat–Sumner Strait–Strait Island to Greys Pass	46	36	82
Boat–Wrangell Area	33	27	60
Boat–Snow Passage	6	7	13
Boat–Thomas Bay	14	4	18
Boat–Other	16	15	31
Shoreline	5	11	16
FRESHWATER			
Blind Slough (in Wrangell Narrows)	19	6	25
Petersburg Creek	7	5	12
Other Streams	21	15	36
Lakes	12	9	21
Area D. Sitka Area			
SALTWATER			
Boat–Terminal Harvest Area–Hidden Bay	11	7	18
Boat–Baranof Island East Side	39	38	77
Boat–Salisbury Sound	113	82	195
Boat–Kruzof Island Outer Coast	113	106	219
Boat–Sitka Sound	348	322	670
Boat–Terminal Harvest Area–Silver Bay	25	15	40
Boat–Biorka Island	26	17	43
Boat–Necker Bay	5	8	13
Boat–Southwest Baranof Island	8	12	20
Boat–Tenakee Area	15	16	31
Boat–Peril Strait	6	7	13
Boat–Chichagof Island West Side	15	7	22
Boat–Other	17	15	32
Shoreline–Sitka Road System	21	13	34
Shoreline–Other	7	20	27
FRESHWATER			
Streams	27	30	57
Lakes	14	16	30
Area E. Juneau Area			
SALTWATER			
Boat–Auke Bay	7	22	29
Boat–Angoon Area	21	18	39
Boat–Saltwater near Juneau	235	290	525
Boat–Lower Stephens Passage	50	34	84
Boat–Juneau Terminal Harvest Area	97	44	141
Boat–Other	5	5	10
Shoreline–Juneau Terminal Harvest Area	1	13	14
Shoreline–Auke Creek Mouth	11	2	13
Shoreline–Macaulay Hatchery–DIPAC	35	21	56
Shoreline–Other Juneau Road System	36	32	68
Shoreline–Other	9	17	26

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Table 2.99.–Page 3 of 11.

Area	Standard	Supplementary	Total
Area E. Juneau Area (continued)			
FRESHWATER			
Cowee Creek	17	21	38
Fish Creek (Douglas Island)	21	21	42
Peterson Creek and Salt Chuck	18	12	30
Montana Creek	12	13	25
Other Juneau Road System	8	9	17
Greens Creek	6	7	13
Other Streams	18	40	58
Twin Lakes	7	7	14
Other Lakes	5	13	18
Area F3. Haines-Skagway Area			
SKAGWAY SUB-AREA			
SALTWATER			
Boat–Taiya Inlet	33	31	64
Shoreline–Taiya Inlet	0	6	6
FRESHWATER			
Streams	7	4	11
Lakes	1	4	5
HAINES SUB-AREA			
SALTWATER			
Boat–Chilkat Inlet	7	8	15
Boat–Chilkoot Inlet	11	23	34
Boat–Other	0	2	2
Shoreline	5	10	15
FRESHWATER			
Chilkat River drainage	35	26	61
Chilkoot River	33	44	77
Other Streams	3	1	4
Chilkoot Lake	35	22	57
Area G. Glacier Bay Area			
SALTWATER			
Boat–Cross Sound (excl. Glacier Bay National Park)	35	33	68
Boat–Elfin Cove	1	14	15
Boat–Glacier Bay (Proper)	23	27	50
Boat–Glacier Bay National Park (excl. Glacier Bay)	13	6	19
Boat–Gustavus Area	40	27	67
Boat–Homeshore Area	29	23	52
Boat–Hoonah Area	42	38	80
Boat–Icy Strait (excluding Glacier Bay National Park)	97	126	223
Boat–Outer Coast Yakobi Island	17	11	28
Boat–Other	11	7	18
Shoreline	1	4	5
FRESHWATER			
Streams	19	21	40
Area H. Yakutat Area			
SALTWATER			
Boat–Yakutat Bay	94	76	170
Boat–Other	1	4	5
Shoreline–Ankau Lagoon	7	6	13
Shoreline–Yakutat Bay	8	3	11

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Table 2.99.–Page 4 of 11.

Area	Standard	Supplementary	Total
Area H. Yakutat Area (continued)			
FRESHWATER			
East Alsek River	14	12	26
Italio River	14	14	28
Lost River	19	26	45
Situk River, above weir	72	49	121
Situk River, below weir	72	45	117
Tsiu River	24	11	35
Other Streams and Lakes	15	23	38
Area I. Upper Copper River drainage			
Gulkana River (Paxson to ADFG Tower)	28	22	50
Gulkana River (ADFG Tower to West Fork)	20	10	30
Gulkana River (West Fork to Highway)	47	42	89
Gulkana River (Highway to Copper River)	32	20	52
Gulkana River (other)	20	9	29
Klutina River	93	71	164
Tonsina River	10	5	15
Other Streams	9	17	26
Paxson Lake	19	8	27
Summit Lake (near Paxson)	11	10	21
Van and Silver Lakes	3	10	13
Other Lakes	30	23	53
Area J. North Gulf Coast/Prince William Sound Area			
SALTWATER			
Boat–Resurrection Bay–Trip to Seward	512	459	971
Boat–North Gulf Coast West of Aialik Cape	108	122	230
Boat–North Gulf Coast East of Aialik Cape	198	221	419
Boat–West PWS–Trip to Seward	135	130	265
Boat–Other–Trip to Seward	3	13	16
Boat–West PWS–Trip to Whittier/Chenega/West PWS	216	215	431
Boat–East PWS–Trip to Whittier/Chenega/West PWS	32	37	69
Boat–West PWS–Trip to Valdez	45	51	96
Boat–East PWS–Trip to Valdez	109	100	209
Boat–Other–Trip to Valdez	5	15	20
Boat–Valdez Arm–Trip to Valdez	161	160	321
Boat–West PWS–Trip to Cordova or East PWS	14	15	29
Boat–East PWS–Trip to Cordova or East PWS	38	37	75
Boat–Other–Trip to unknown destinations	6	20	26
Shoreline–Resurrection Bay (Seward)	61	77	138
Shoreline–Passage Canal (Whittier)	21	15	36
Shoreline–Valdez Road System	34	34	68
Shoreline–Allison Point	76	64	140
Shoreline–Remainder of Valdez Arm	14	42	56
Shoreline–Orca Inlet	15	14	29
Shoreline–Other	4	22	26
FRESHWATER			
Alaganik Slough	20	16	36
Eyak River	35	36	71
Ibeck Creek	7	5	12
Other East Prince William Sound Streams	10	24	34
Other Streams	9	15	24
Lakes	5	11	16

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Table 2.99.–Page 5 of 11.

Area	Standard	Supplementary	Total
Area K. Knik Arm drainage Area			
Saltwater Sites	5	0	5
FRESHWATER			
Cottonwood Creek drainage	24	15	39
Eklutna Power Plant Raceway	145	91	236
Fish Creek (Big Lake drainage)	16	12	28
Knik River and Tributaries, including Jim Creek	144	117	261
Little Susitna River	228	162	390
Wasilla Creek (Rabbit Slough)	17	9	26
Other Streams	2	10	12
Big Lake	34	16	50
Finger Lake	50	32	82
Kepler Lake Complex	47	46	93
Long Lake (Mile 85 Glenn Highway)	17	6	23
Lucille Lake	11	5	16
Nancy Lake Recreation Area	49	30	79
Wasilla Lake	9	6	15
Other Lakes	109	77	186
Area L. Anchorage Area			
SALTWATER			
Shoreline–Twentymile River Mouth	10	5	15
Other Saltwater	18	2	20
FRESHWATER			
Bird Creek	96	86	182
Campbell Creek	31	22	53
Eagle River	17	13	30
Glacier Creek	10	17	27
Ingram Creek	12	9	21
Placer River	12	11	23
Ship Creek	230	166	396
Twentymile River	41	27	68
Other Streams	11	16	27
Campbell Point Lake	13	11	24
Cheney Lake	15	5	20
DeLong Lake	18	9	27
Jewel Lake	43	13	56
Sand Lake	16	11	27
Beach Lake	16	5	21
Lower Fire Lake	8	5	13
Mirror Lake	27	14	41
Symphony Lake	9	5	14
Other Eagle River/Chugiak Lakes	9	3	12
Green Lake (Elmendorf)	7	6	13
Hillberg Lake (Elmendorf)	10	6	16
Sixmile Lake (Elmendorf)	9	7	16
Other Elmendorf Air Force Base Lakes	14	5	19
Clunie Lake (Fort Richardson)	22	10	32
Gwen Lake (Fort Richardson)	10	2	12
Otter Lake (Fort Richardson)	13	6	19
Walden Lake (Fort Richardson)	7	5	12
Other Anchorage Area Lakes	16	9	25
Turnagain Arm Lakes	7	5	12
Unspecified Lakes	2	0	2

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Table 2.99.–Page 6 of 11.

Area	Standard	Supplementary	Total
Area M. Susitna River drainage			
Susitna River	79	56	135
Chulitna/East Susitna drainages			
Caswell Creek	18	12	30
Chulitna River drainage	7	10	17
Chunilna Creek (Clear Creek)	57	49	106
Goose Creek	15	12	27
Kashwitna River	23	15	38
Little Willow Creek	64	41	105
Montana Creek	152	134	286
Sheep Creek	102	66	168
Sunshine Creek	32	20	52
Talkeetna River drainage (excluding Clear Creek)	84	67	151
Troublesome Creek	10	8	18
Willow Creek	155	120	275
Other Streams–Chulitna / East Susitna drainage	17	7	24
Lakes–Chulitna / East Susitna drainage	26	25	51
West Susitna drainages			
Deshka River (Kroto Creek) below weir	93	75	168
Deshka River (Kroto Creek) above weir	29	18	47
Fish Lake Creek and Fish Lakes (Yentna drainage)	11	7	18
Lake Creek (Yentna drainage)	70	80	150
Peters Creek	5	8	13
Talachulitna River (Yentna drainage)	24	23	47
Yentna River	39	43	82
Yentna River drainage (Remainder)	23	20	43
Other Streams–West Susitna drainage	4	10	14
Trapper Lake	6	6	12
Other Lakes–West Susitna drainage	10	12	22
Upper Susitna drainages			
Susitna Lake	14	5	19
Lake Louise	25	15	40
Other Upper Susitna drainage Streams and Lakes	11	3	14
drainage unspecified	50	23	73
Unspecified Streams and Lakes	6	9	15
Area N. West Side Cook Inlet Area			
Chuitna River	20	16	36
Other Sites between North Forelands and Susitna drainage	19	16	35
Kustatan River	40	43	83
Silver Salmon Creek	12	5	17
Big River Lakes	45	52	97
Wolverine Creek mouth	66	40	106
Other Sites south of North Forelands	23	22	45
Unspecified Streams	0	2	2
Area P. Kenai Peninsula Area	1,698	1,825	3,523
KENAI RIVER FRESHWATER GUIDED			
Kenai River–Cook Inlet to Soldotna Bridge	339	396	735
Kenai River–Soldotna Bridge to Moose River	116	94	210
Kenai River–Moose River to Skilak Outlet	63	61	124
Kenai River–Skilak Inlet to Kenai Lake	109	135	244
Kenai River–Reach not specified	3	24	27

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Table 2.99.–Page 7 of 11.

Area	Standard	Supplementary	Total
Area P. Kenai Peninsula Area (continued)			
KENAI RIVER FRESHWATER NON-GUIDED			
Kenai River–Cook Inlet to Soldotna Bridge	654	492	1,146
Kenai River–Soldotna Bridge to Moose River	436	356	792
Kenai River–Moose River to Skilak Outlet	185	183	368
Kenai River–Skilak Inlet to Kenai Lake	241	265	506
Kenai River–Reach not specified	11	77	88
OTHER FRESHWATER			
Anchor River	175	157	332
Deep Creek	81	61	142
Kasilof River–Guided Bank Fishing	26	6	32
Kasilof River–Nonguided Bank Fishing	130	99	229
Kasilof River–Guided Boat Fishing	121	111	232
Kasilof River–Nonguided Boat Fishing	53	29	82
Kasilof River–unspecified	5	7	12
Ninilchik River	86	67	153
Quartz Creek	80	49	129
Resurrection Creek drainage	68	58	126
Russian River	463	382	845
Sixmile Creek drainage	8	5	13
Swanson River	42	18	60
Other Streams	24	64	88
Crescent Lake	15	16	31
Hidden Lake	19	9	28
Skilak Lake	17	8	25
Swan Lake Canoe System	10	5	15
Swanson River Canoe Route Lakes	15	13	28
Tustumena Lake	10	4	14
Kenai Peninsula stocked lakes	24	33	57
Other Lakes	39	48	87
SALTWATER FINFISH CHARTER BOAT			
Cook Inlet North of Bluff and Chinitna Points	537	510	1,047
Kachemak Bay including Bluff Point to Seldovia	345	203	548
Lower Cook Inlet West of Gore Point	293	514	807
Boat–Unspecified Sites	0	12	12
SALTWATER FINFISH PRIVATE BOAT			
Cook Inlet North of Bluff and Chinitna Points	206	209	415
Kachemak Bay including Bluff Point to Seldovia	219	231	450
Lower Cook Inlet West of Gore Point	98	126	224
Boat–Unspecified Sites	0	20	20
SALTWATER FINFISH SHORELINE			
Cook Inlet North of Bluff and Chinitna Points	23	12	35
Other Lower Cook Inlet/Kachemak Bay Shore exc. Homer Spit	22	18	40
Homer Spit (Kachemak Bay)	101	101	202
Shoreline–Unspecified Sites	0	1	1
SHELLFISH			
Polly Creek/Crescent River Bar	225	373	598
West Cook Inlet other sites	10	9	19
East Cook Inlet between Anchor Point and Kasilof River	10	7	17
East Cook Inlet between Anchor Point and Kasilof River	172	297	469
Kachemak Bay	31	55	86
East Cook Inlet other sites	2	5	7

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Table 2.99.–Page 8 of 11.

Area	Standard	Supplementary	Total
Area Q. Kodiak Area			
SALTWATER			
Boat–Chiniak Bay Area	134	136	270
Boat–Other Roadside Sites	10	19	29
Boat–Afognak Island Area	43	32	75
Boat–Larsen Bay	5	13	18
Boat–Uyak Bay	37	17	54
Boat–Other Remote Sites	29	52	81
Boat–Unspecified Sites	0	3	3
Shoreline–Roadside Sites	4	11	15
Shoreline–Remote Sites	5	7	12
Shoreline–Unspecified Sites	0	1	1
FRESHWATER			
American River	46	32	78
Buskin River	76	74	150
Olds River	34	28	62
Pasagshak drainage	53	46	99
Russian River	4	9	13
Saltery Cove drainage	24	29	53
Other Road System Streams	12	27	39
Ayakulik River (Red River)	10	8	18
Dog Salmon Creek (Frazer River)	4	8	12
Karluk Lagoon and River below Weir	10	7	17
Karluk Lake and River above Weir	14	9	23
Uganik River	6	7	13
Other Remote Streams	14	23	37
Unspecified Streams	0	4	4
Road System Lakes	9	1	10
Remote Lakes	6	3	9
Area R. Naknek River drainage-Alaska Peninsula Area			
SALTWATER			
Boat–Unalaska Bay	12	7	19
Boat–Other	25	24	49
Shoreline	1	15	16
FRESHWATER			
Egegik River and Becharof System	10	6	16
Naknek River above Rapids Camp	49	32	81
Naknek River below Rapids Camp	39	33	72
Naknek Lake	15	9	24
Remainder of Naknek River drainage	13	32	45
American Creek	24	36	60
Brooks River	40	45	85
Cold Bay Area Freshwater	8	9	17
Ugashik System	9	11	20
Other Alaska Peninsula / Aleutian Streams	29	28	57
Other Alaska Peninsula / Aleutian Lakes	9	6	15
Unspecified Streams and Lakes	7	11	18
Area S. Kvichak River drainage			
Boat–Kvichak Bay	0	4	4

-continued-

Table 2.99.–Page 9 of 11.

Area	Standard	Supplementary	Total
Area S. Kvichak River drainage (continued)			
FRESHWATER			
Battle River	10	15	25
Alagnak (Branch) River drainage	55	54	109
Copper River (tributary of Iliamna Lake)	20	15	35
Gibraltar River	13	7	20
Iliamna River	6	7	13
Kukaklek River	17	15	32
Kvichak River	41	59	100
Kulik River	22	32	54
Lower Talarik Creek	9	3	12
Moraine Creek	30	34	64
Newhalen River drainage	10	8	18
Lake Clark drainage	16	18	34
Iliamna Lake and Tributaries	24	15	39
Unspecified Streams and Lakes	5	5	10
Area T. Nushagak Area			
Saltwater Sites	3	1	4
FRESHWATER			
Nushagak River–Black Point upstream to Sonar Site	42	32	74
Nushagak River–Sonar Site to Outlet of Mulchatna R.	33	33	66
Nushagak River–upstream from mouth of Mulchatna R.	18	7	25
Other Nushagak River System, excluding Mulchatna	13	21	34
Mulchatna River drainage	8	10	18
Agulukpak River (Wood River Lakes System)	21	16	37
Agulowak River (Wood River Lakes System)	26	17	43
Aleknagik Lake (Wood River Lakes System)	16	6	22
Other Wood River Lakes System	19	33	52
Tikchik-Nuyakuk Lake System	14	15	29
Togiak River System	45	37	82
Other Streams and Lakes	5	18	23
Area U. Tanana River drainages			
Brushkana Creek	5	9	14
Lower Chatanika River (downstream of Elliot Hwy)	21	14	35
Upper Chatanika River (upstream of Elliot Hwy)	23	13	36
Chena River below Dam	45	41	86
Chena River above Dam	51	39	90
Delta Clearwater	24	18	42
Minto Flats	11	14	25
Nenana River drainage, excluding Brushkana Creek	11	9	20
Piledriver Slough	16	8	24
Salcha River	18	17	35
Lower Tanana River and Tributaries	11	12	23
Middle Tanana River and Tributaries	15	11	26
Upper Tanana River and Tributaries	16	7	23
Tangle Lakes drainage above Wildhorse Creek	29	41	70
Tok and Northway Area	4	7	11
Other Streams	8	11	19
Birch Lake	39	25	64
Chena Hot Springs Road Ponds	10	15	25
Chena Lake	47	39	86
Coal Mine Road Lakes	8	6	14
Fielding Lake	12	5	17

-continued-

Table 2.99.–Page 10 of 11.

Area	Standard	Supplementary	Total
Area U. Tanana River drainages (continued)			
George Lake	11	3	14
Harding Lake	7	10	17
Parks Highway pond at mile 214	5	16	21
Quartz Lake	38	33	71
Richardson Highway Stocked Lakes	4	5	9
Steese Ponds	12	6	18
Other Lakes	38	48	86
Area V. Kuskokwim River–Kuskokwim Bay drainages			
Saltwater Sites	0	3	3
FRESHWATER			
Kuskokwim River drainages above Aniak River	24	6	30
Kuskokwim River drainages below Aniak River			
Aniak River	11	17	28
Kisaralik River	10	11	21
Kwethluk River	4	8	12
Kuskokwim River mainstem, below Aniak River	8	13	21
Total Kuskokwim River drainages below Aniak River	33	49	82
Kuskokwim Bay drainages			
Goodnews River	9	12	21
Kanektok River	32	28	60
Streams and Lakes in Kuskokwim Bay	7	7	14
Total Kuskokwim Bay drainages	48	47	95
Other Streams	1	3	4
Area W. Seward Peninsula-Norton Sound drainages			
Saltwater Sites	1	4	5
FRESHWATER			
Fish and Niukluk Rivers	9	10	19
Nome River	9	15	24
Snake River	4	10	14
Unalakleet River	18	19	37
Other Streams and Lakes	36	31	67
Area X. Northwest Alaska drainages			
Saltwater Sites	1	2	3
FRESHWATER			
Kobuk River drainage	3	12	15
Noatak River drainage	10	9	19
Other Streams	5	9	14
Area Y. Yukon River drainages			
Yukon River drainages (downstream from the Koyukuk River)	9	11	20
Yukon River drainages (Koyukuk River to Fort Yukon)			
Haul Road Streams and Lakes accessed from Dalton Highway	11	18	29
Other Waters (Koyukuk R. to Ft. Yukon) not accessed from Dalton Hwy)	25	34	59
Total Yukon River drainages (Koyukuk River to Fort Yukon)	36	52	88

-continued-

Table 2.99.–Page 11 of 11.

Area	Standard	Supplementary	Total
Area Y. Yukon River drainages (continued)			
Yukon River drainages–Canadian border to Ft Yukon	8	5	13
Yukon River drainages (Fort Yukon to Canadian Border)	8	5	13
Area Z. North Slope Brooks Range drainages			
Saltwater Sites	3	0	3
FRESHWATER			
Ivishak River	5	7	12
Sagavanirktok River	12	10	22
Other Streams	11	5	16
Lakes	7	4	11

APPENDIX A. QUESTIONNAIRES AND REMINDERS

2008 Sport Fish Survey



We are interested in knowing about your Alaskan fishing experiences in 2008.

Even if you did not fish in 2008, please answer the questions on page 3.

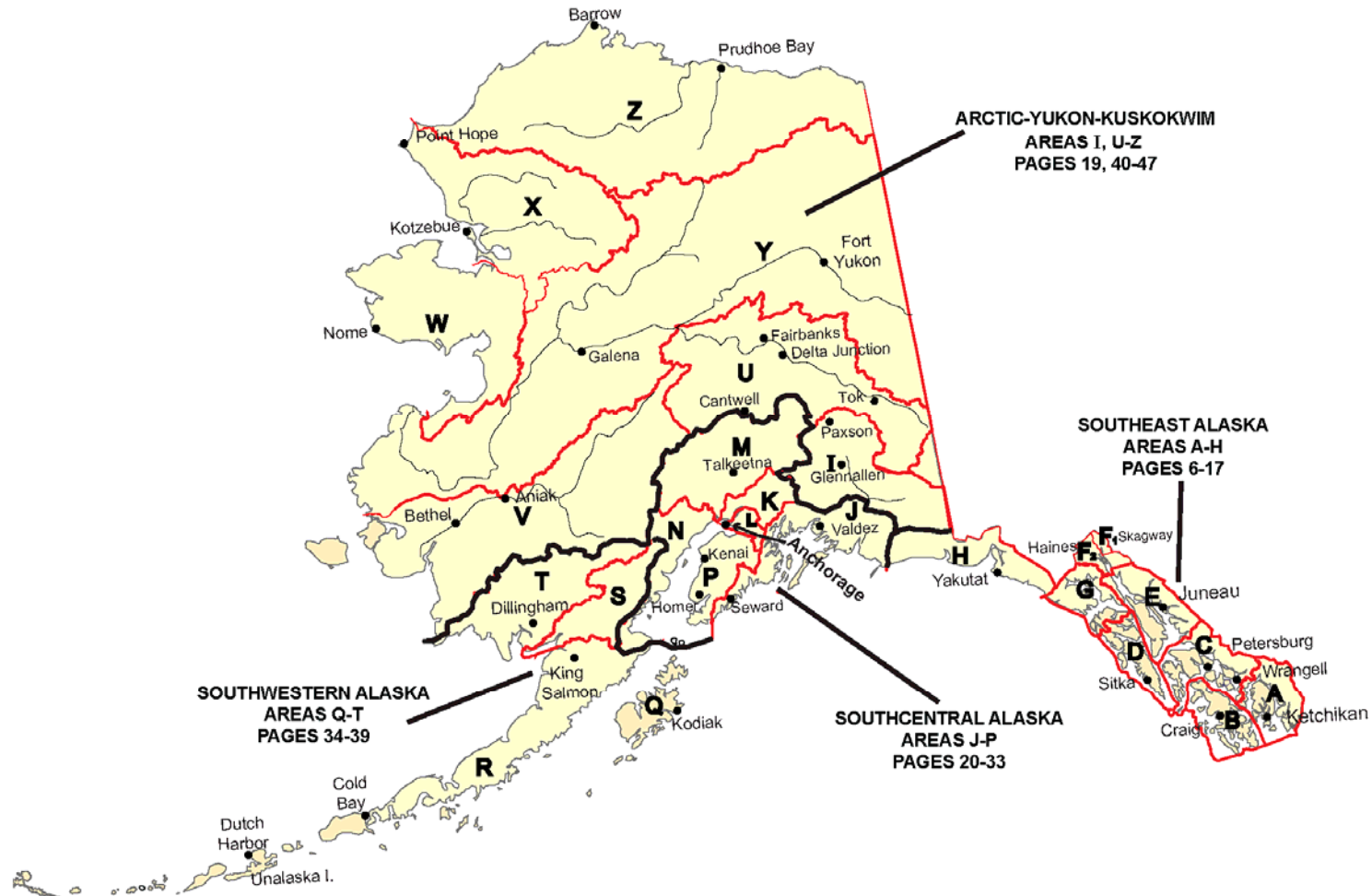
You need only fill out the pages for areas of Alaska where you or your household members fished. We ask that you do not include subsistence caught fish.

Thank-you



ALASKA SPORT FISHING AREAS

Use the map below to find the pages that apply to your household's sport fishing in 2008



GENERAL QUESTIONS

The questions below apply to anglers who **DID PURCHASE** a 2008 Alaska Sport Fishing License:

- 1A. How many persons in your household purchased a 2008 Alaska sport fishing license? _____
- 1B. How many persons recorded in 1A (above) sport fished in Alaska in 2008?..... _____

The questions below apply to anglers who **DID NOT PURCHASE** a 2008 Alaska Sport Fishing License:

- 2A. How many persons in your household under 16 years of age sport fished in Alaska in 2008? _____
- 2B. How many Alaska residents in your household have a permanent identification card for Alaska sport fishing (Alaska residents 60 years of age and older, or Alaska resident disabled veterans) including those who did not fish in Alaska? _____
- 2C. How many persons recorded in question 2B (above) sport fished in Alaska in 2008? _____

The question below applies to **all members of your household** and the 2008 sport fishing season:

3. How many **total** people in your household sport fished in Alaska during 2008? _____

Please provide comments on sport fishing in Alaska during 2008:

DEFINITIONS:

Household: A **household** is defined as all people sharing a principal place of residence. This excludes persons renting (subletting) within a home, or relatives that live in separate homes. A person paying rent for your basement apartment is not part of your household, nor is your visiting son or daughter. Record only harvest for household members.

Personal use: Personal use fisheries are designated by the Alaska Board of Fisheries for specific areas and gear types, and are allowed only in these legally defined areas. These fisheries require an **Alaska resident** sport fishing license or Alaska Department of Fish and Game Permanent Identification card for participation, and are distinguished by the requirement that the harvest must be for personal use only. These fisheries are NOT open to non-Alaska residents.

Subsistence Fisheries: **Subsistence** fisheries are legally defined rural fisheries for community residents and their household only, and are based on customary and traditional use of the resource. Do not report subsistence harvest in this survey, as the Division of Sport Fish does not manage these fisheries.

INSTRUCTIONS

Please help reduce costs: We mail up to 2 reminders to those who do not respond. You can help reduce costs by replying promptly.

What if your household did not sport fish in 2008? Answer the questions on page 3 and return the survey in the postage-paid envelope so we may avoid mailing you additional 2008 surveys.

What if your household did sport fish in 2008?

- Answer the questions on page 3.
- Read the instructions on page 5, referring to the example below.
- Refer to the map on page 2, and the companion maps within this booklet to identify the pages in this survey that cover the areas where you or your household members fished.
- Record your household's fishing activities.
- Return the survey in the postage-paid envelope.

Thank you for your assistance. Your response helps protect and improve recreational fisheries in Alaska.

Period covered: January 1 through December 31, 2008.

Who to include: Report your household's sportfishing only. Do not include visiting friends or relatives.

What to include: Report all your household sport, shellfish and personal use fishing information. If you are the beneficiary (the one who keeps the fish) of a proxy, report that fishing activity as part of your household.

What to exclude: Do not report commercially caught or subsistence caught fish. A sportfishing guide should not report client information. Do not report fish caught while proxy fishing for someone outside your household. Report only your own household information.

When to reply: Return this form after completing all 2008 sportfishing, including ice fishing.

SPORT ANGLERS LIVING OUTSIDE OF THE UNITED STATES: The postage permit that we have for return mail is valid only within the United States. Because the survey helps us to offer world class fishing experiences for all anglers, we ask that you return the survey by supplying your own postage.

Still have questions? If you have questions about this survey, please call (907) 267-2280 or contact us via email at: dfg.dsf.publications@alaska.gov

HOW TO RECORD YOUR HOUSEHOLD'S SPORT FISHING: See the step by step instructions on page 5.

EXAMPLE:

A man and his wife fished together on 3 trips to the Kenai River near the Soldotna Bridge. They both fished 1 day on each of these trips, and caught a total of 4 silver salmon and kept 3. The man then fished alone on 1 additional trip for half a day (for the survey purposes, any part of a day is counted as a whole day) but he didn't catch anything on this trip.

This survey respondent should record these trips with the following information:

Number of Household Anglers = 2;
 Number of Household Trips = 4 (3 by the man and woman together, 1 by the man alone);
 Sum of Each Household Angler's Days Fished = A total of 7 (4 by the man, and 3 by the wife).

1	P4	5 No. of Household Anglers	6 No. of Household Trips	7 Sum of Each Household Angler's Days Fished	King Salmon prior to July 1		King Salmon after and inc. July 1		Silver Salmon prior to Sept 1		Silver Salmon after and inc. Sept 1		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char		Steel-head Trout		Rainbow Trout		Arctic Grayling		
					C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C
2	KENAI AND KASIOF RIVERS NON-GUIDED																												
3	FRESHWATER NON-GUIDED	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
4	1 Kenai River - Cook Inlet to Soldotna Bridge	2	4	7					4	3																			

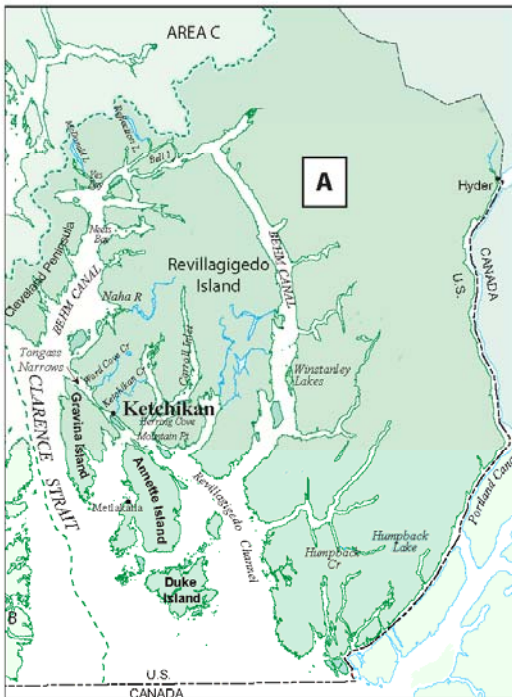
4

► THE ITEMS BELOW REFER TO THE EXAMPLE ON PAGE 4.

- 1 ► The survey booklet divides Alaska into areas labeled A through Z. You can use the map on page 2 to locate the area where you fished, and to determine which pages of the booklet apply to your fishing activity. Additional maps are provided throughout in the book.
- 2 ► Each survey area has a named description, which is identified by a major area or drainage.
- 3 ► Area sites are divided into **saltwater** and **freshwater** listings. Some areas have specific locations to record personal use (see definition of personal use fishing on page 3) or shellfish. There are special pages for recording fishing on the Kenai and Kasilof rivers.
- 4 ► Each area has a listing of common sites where anglers fish in Alaska. If you do not find your site listed, please be sure to record the fishing site in the appropriate area page, together with the name or description of the site fished. For Freshwater, record under "other lakes" or "other streams", for Saltwater, record under "other boat" or "other shoreline".
- 5 ► **Number of Household Anglers:** Record how many members of your household fished at this site (see definition of a household on page 3).
- 6 ► **Number of Household Trips:** Record the number of trips made to this site (a trip, which may last one or more days, is a visit to a fishing location).
- 7 ► **Sum of each Household Angler's Days Fished:** Add up the **TOTAL** number of days each household member fished at this site. Count any part of a day as a whole day. If two or more anglers fished the same day, include that day in each angler's sum. Then total all anglers' days for that site. Example: If three household anglers fish two days at the same site, the sum of the household anglers' days fished = 6.
- 8 ► **Caught:** Write how many fish were caught, whether or not they were kept.
- 9 ► **Kept:** Write how many fish were kept.

Thank you! Please return the survey in the envelope provided.

Ketchikan Area
Area A, Page 7



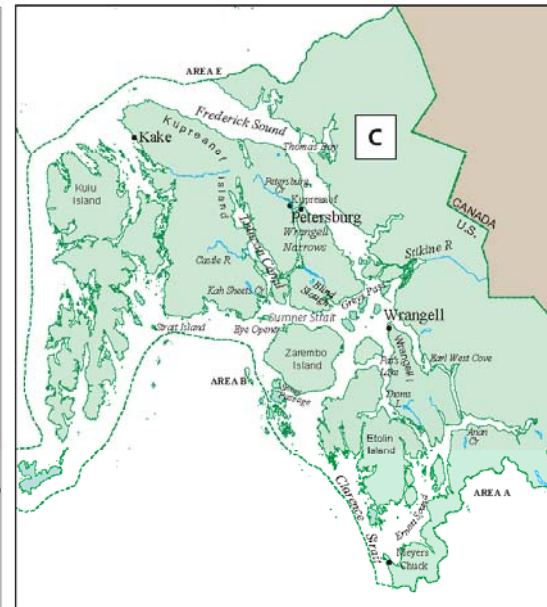
Common Fishing Sites: East and West Behm Canals, Clarence Strait, Revillagigedo Channel, Tongass Narrows, Yes Bay, Bell Island, Naha River, Ward Cove Creek, and others.

Prince of Wales Island Area
Area B, Page 8



Common Fishing Sites: Waterfall Bay, Neck Lake; Karta and Klawock rivers; Sweetwater and Thorne systems, and others.

Kake, Petersburg, Wrangell, Stikine Area
Area C, Page 9



Common Fishing Sites: Blind Slough, Wrangell Narrows, Duncan Canal, Grays Pass; Castle and Stikine rivers; Anan, Petersburg, and Kadake creeks, and others.

For map, see page 6.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
 Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
 Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
 DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

B	No. of House- hold Anglers	No. of House- hold Trips	Sum of Each House- hold Angler's Days Fished	King Salmon 28" and over		King Salmon less than 28"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steel-head Trout		Rainbow Trout		Cut-throat Trout		Smelt		Halibut		Lingcod see pg 47		Pacific Cod see pg 47		Rockfish see pg 47		Other (specify)	
				C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T
PRINCE OF WALES ISLAND AREA																																			
SALTWATER				▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
736 Boat - Waterfall Bay																																			
1008 Boat - Eastside Prince of Wales Island																																			
1010 Boat - Westside Prince of Wales Island																																			
1055 Shoreline - Neck Lake Outlet Fishery*																																			
1 Other Boat sites (specify)																																			
2 Other Shoreline sites (specify)																																			
FRESHWATER				▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
216 Big (108) Creek																																			
115 Black Bear Creek																																			
120 Eagle Creek																																			
124 Harris River																																			
3 Karta River																																			
219 Kegan System (Stream, Lake)																																			
5 Klawock River																																			
191 Salmon Bay Creek																																			
243 Salmon Lake																																			
220 Sarkar System (Stream, Lake)																																			
158 Staney Creek																																			
218 Sweetwater System (Stream, Lake)																																			
217 Thorne System (Stream, Lake)																																			
108 Other Streams (specify)																																			
109 Other Lakes (specify)																																			

* Located within the Whale Passage area.

For map, see page 6.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
 Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
 Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

C	No. of House- hold Anglers	No. of House- hold Trips	Sum of Each House- hold Angler's Days Fished	King Salmon 28" and over		King Salmon less than 28"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steelhead Trout		Rainbow Trout		Cut-throat Trout		Arctic Grayling		Smelt		Halibut		Lingcod see pg 47		Rockfish see pg 47		Other (specify)	
				C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T
KAKE, PETERSBURG, WRANGELL AND STIKINE AREA																																			
SALTWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
728 Boat - Frederick Sound (near Petersburg)																																			
1 Boat - Terminal Harvest Area near Petersburg* †																																			
720 Boat - Wrangell Narrows																																			
758 Boat - Thomas Bay																																			
906 Boat - Rest of Petersburg area																																			
3 Boat - Greys Pass/Banana Point																																			
794 Boat - Sumner Strait from Strait Island to Greys Pass**																																			
798 Boat - Snow Passage																																			
908 Boat - Wrangell Area																																			
776 Boat - Kake Area																																			
907 Shoreline - Petersburg Road System																																			
909 Shoreline - Wrangell Road System																																			
4 Other Boat sites (specify)																																			
7 Other Shoreline sites (specify)																																			
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
9 Anan Creek																																			
5 Blind Slough (in Wrangell Narrows)																																			
8 Castle River																																			
147 Kah Sheets Creek																																			
202 Pat's Lake (Trout Lake)																																			
10 Petersburg Creek																																			
175 Stikine River																																			
216 Thoms Creek and Lake																																			
112 Other Streams (specify)																																			
113 Other Lakes (specify)																																			

* Described as that portion of Wrangell Narrows, south of 56° 46' North latitude (Martinsen's Dock) and north of the latitude of the northern tip of Woewodski Island.

** Waters adjacent to South Mitkof Island shore (Woodpecker Cove, Station Island), Zarembo Island (Baht Harbor, Craig Pt.), and South Kupreanof Island (Kah Sheets Bay, Level Islands, and Eye Opener).

† A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.

Sitka Area

Area D, Page 11

Common Fishing Sites: Saltwater sites: Sitka Sound (specify fishing location), Silver Bay, Salisbury Sound, Kruzof Island, West Chichagof Island, Tenakee Area, East Shore Baranof Island, Hidden Falls.

Freshwater sites: Plotnikof Lake and Stream, Rezanof System, Eva Lake; Baranof, and Sitkoh systems, Salmon Lake, and others.



For map, see page 10.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

D		No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 28" and over	King Salmon less than 28"	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Dolly Varden	Steelhead Trout	Rainbow Trout	Cutthroat Trout	Brook Trout	Arctic Grayling	Smelt	Halibut	Lingcod see pg 47	Rockfish see pg 47	Other (specify)			
					C	A	U	G	H	T	C	A	U	G	H	T	C	A	U	G	H	T		
					K	E	E	P	T	K	E	E	P	T	K	E	E	P	T	K	E	E	P	T
SITKA AREA																								
SALTWATER		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
724	Boat - Sitka Sound (specify)																							
1056	Boat - Hidden Falls - Terminal Harvest Area *†																							
1054	Boat - Silver Bay - Terminal Harvest Area **†																							
1053	Shoreline - Sitka Road System																							
1044	Boat - Outer Coast Kruzof Island																							
766	Boat - Salisbury Sound																							
1050	Boat - West Chichagof Island																							
1046	Boat - Tenakee area																							
1048	Boat - East side Baranof Island																							
1	Other Boat sites (specify)																							
2	Other Shoreline sites (specify)																							
FRESHWATER		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
186	Baranof lake or stream																							
8	Eva lake or stream																							
231	Plotnikof lake or stream																							
232	Rezanof drainage (lakes, streams)																							
148	Salmon Lake																							
14	Sitkoh lake or stream																							
107	Other Streams (specify)																							
110	Other Lakes (specify)																							

* The Hidden Falls area includes waters within two miles of the Baranof Island shoreline south of the range marker on South Point (south entrance to Kelp Bay) and north of a range marker located at 57° 06' 5" N latitude (south of Takatz Bay).

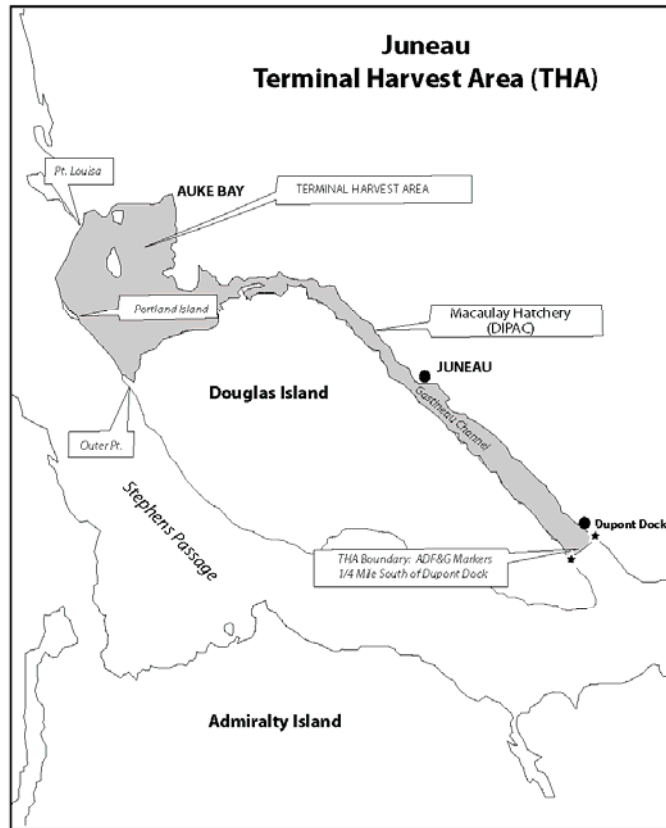
** The Silver Bay terminal harvest area near Sitka includes the marine waters of Silver Bay east of a line from Entry Point to Silver Point.

† A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.

Juneau Area

Area E, Page 13

Common Fishing sites: Saltwaters near Juneau, Lower Lynn Canal, Favorite Channel, upper and lower Stephens Passage, Angoon, Salmon Creek Reservoir; Hasselborg, Florence, Turner, and Peterson lakes, Montana and Cowee creeks; and others.



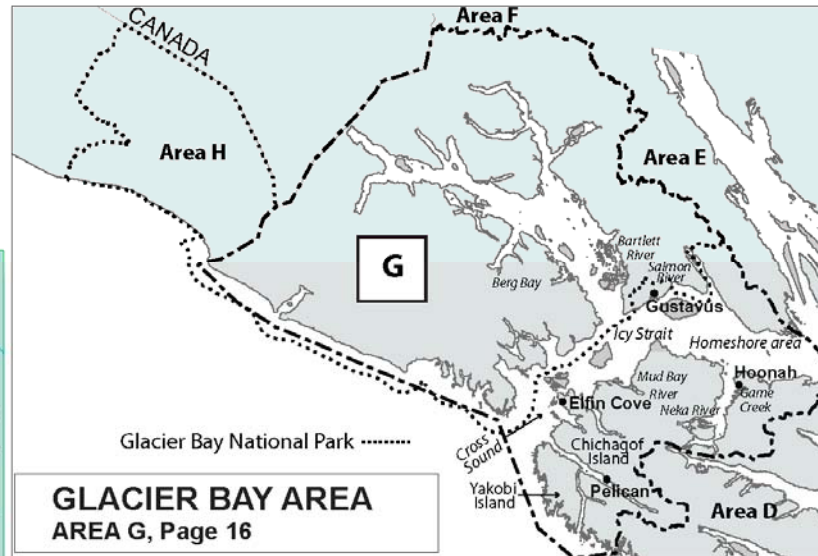
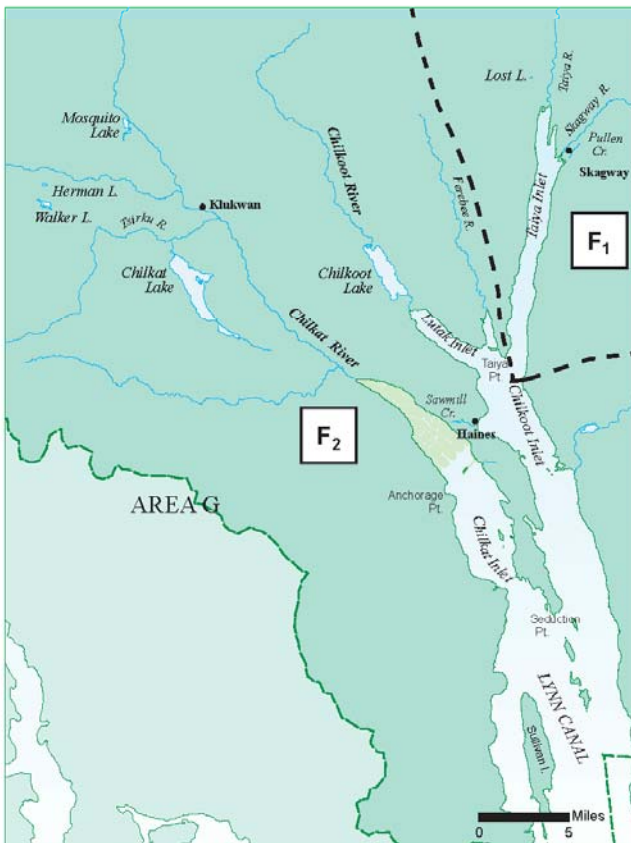
SKAGWAY AREA

AREA F1, Page 15

HAINES AREA

AREA F2, Page 15

Common Fishing Sites: Taiya Inlet, Chilkat River, Chilkat Lake, Chilkoot River, Chilkoot Lake, and others.



Common Fishing Sites: Icy Strait, Cross Sound, Glacier Bay, Homeshore area, Bartlett River, Salmon River, Berg Bay, Mud Bay River and others.



Common Fishing Sites: Ankau Lagoon, Yakutat Bay, Situk, Lost, Tsiu and Alsek rivers, and others.

For map, see page 14.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

F1		No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 28" and over	King Salmon less than 28"	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Dolly Varden	Steelhead Trout	Rainbow Trout	Cutthroat Trout	Brook Trout	Arctic Grayling	Halibut	Lingcod see pg 47	Pacific Cod see pg 47	Rockfish see pg 47	Other (specify)			
SKAGWAY AREA					CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT
SALTWATER					▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
736	Boat - Taiya Inlet																							
737	Shoreline sites (specify)																							
FRESHWATER		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼		
121	Pullen Creek and Pond																							
108	Skagway Area streams (specify)																							
109	Skagway Area lakes (specify)																							
F2		No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 28" and over	King Salmon less than 28"	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Dolly Varden	Steelhead Trout	Rainbow Trout	Cutthroat Trout	Brook Trout	Arctic Grayling	Halibut	Lingcod see pg 47	Pacific Cod see pg 47	Rockfish see pg 47	Other (specify)			
HAINES AREA					CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT
SALTWATER					▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
732	Boat - Chilkoot Inlet																							
730	Boat - Chilkat Inlet																							
1	Other Boat sites (specify)																							
2	Shoreline sites (specify)																							
FRESHWATER		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼		
3	Chilkoot River																							
5	Chilkoot Lake																							
107	Chilkat River																							
130	Chilkat Lake																							
108	Haines Area streams (specify)																							
109	Haines Area lakes (specify)																							

For map, see page 14.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

G		No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 28" and over		King Salmon less than 28"		Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Dolly Varden	Steelhead Trout	Rainbow Trout	Cutthroat Trout	Smelt	Halibut	Lingcod see pg 47	Pacific Cod see pg 47	Rockfish see pg 47	Other (specify)	
GLACIER BAY AREA					CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT
SALTWATER		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
736	Boat - Glacier Bay proper (inside Glacier Bay National Park)*																						
972	Boat - Glacier Bay National Park (NOT within Glacier Bay proper)*																						
968	Boat - Icy Strait (NOT within Glacier Bay National Park)																						
970	Boat - Cross Sound (NOT within Glacier Bay National Park)																						
800	Boat - Outer coast Yakobi Island																						
802	Boat - Homeshore area																						
740	Boat - Gustavus area																						
908	Boat - Hoonah area																						
804	Boat - Northern Chichagof Island																						
769	Shoreline - Berg Bay																						
1	Other Boat Sites (specify)																						
2	Other Shoreline Sites (specify)																						
FRESHWATER		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
110	Salmon River																						
105	Bartlett River																						
127	Mud Bay River																						
128	Game Creek																						
129	Neka River																						
103	Other Streams (specify)																						
104	Other Lakes (specify)																						

* Glacier Bay proper is described as all marine contiguous water inside or north of a line from Pt. Carolus and Pt. Gustavus.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

H		No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Large King Salmon*		Small King Salmon*		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steelhead Trout		Rainbow Trout		Cutthroat Trout		Northern Pike		Smelt		Halibut		Lingcod see pg 47	Pacific Cod see pg 47	Rockfish see pg 47	Other (specify)		
YAKUTAT AREA					C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T
SALTWATER		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
724	Boat - Yakutat Bay																																			
750	Boat - Ankau Lagoon																																			
725	Shoreline - Yakutat Bay																																			
751	Shoreline - Ankau Lagoon																																			
1	Other Boat Sites (specify)																																			
2	Other Shoreline Sites (specify)																																			
FRESHWATER		▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
135	East Alsek River																																			
117	Italio River																																			
120	Lost River																																			
148	Situk River, above weir*																																			
149	Situk River, below weir*																																			
134	Tsiu River																																			
104	Other Streams (specify)																																			
105	Other Lakes (specify)																																			

*KING SALMON SIZE CATEGORIES

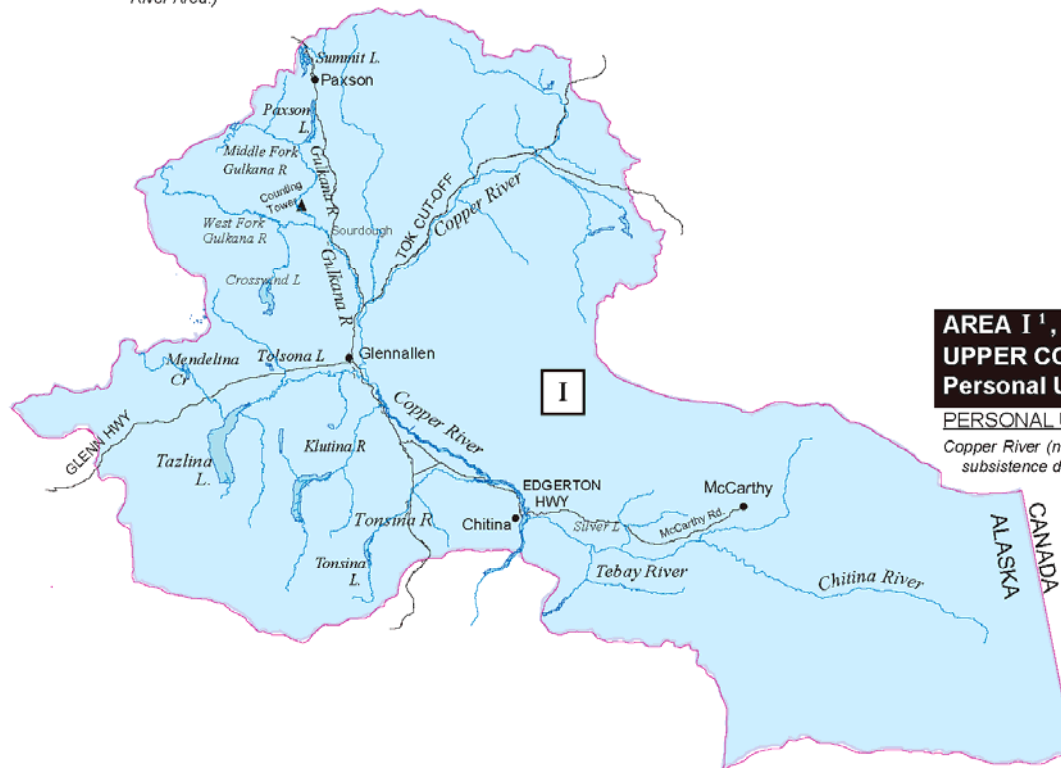
Saltwater: "Large" King Salmon are 28 inches and over; "Small" King Salmon are under 28 inches;
Freshwater: "Large" King Salmon are 20 inches and over; "Small" King Salmon are under 20 inches.

* The Situk River weir is located near the river mouth, approximately 1.5 miles above the Situk Landing.

Upper Copper River Drainage

AREA I UPPER COPPER RIVER DRAINAGE, PAGE 19

Common fishing sites: Van, Paxson, Summit, Strelina, Sculpin, Hudson and Klutina lakes, Gulkana River, and others. (Does not include Lake Louise; see Area M Susitna River Drainage. Also does not include Tangle Lakes, See Area U Tanana River Area.)



AREA I¹, PAGE 19 UPPER COPPER RIVER DRAINAGE Personal Use Dipnet Fishery

PERSONAL USE DIPNET FISHERY

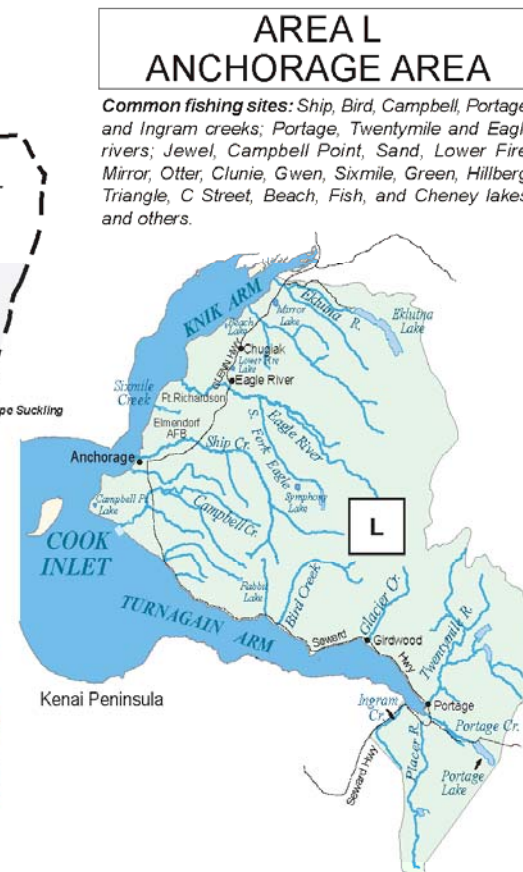
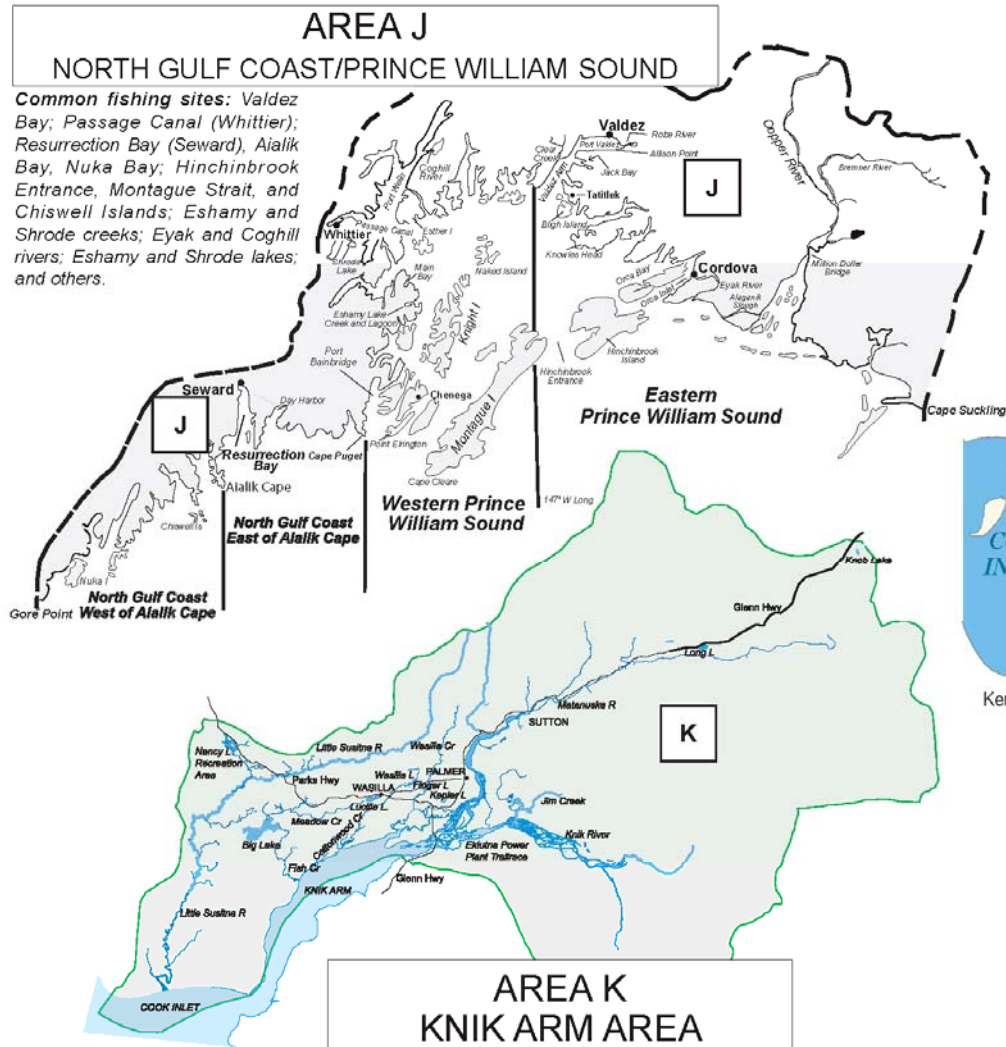
Copper River (near Chitina) Do not include fishwheel or subsistence dipnetting.

For map, see page 18.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
 Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
 Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

I	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Sea-run King Salmon 20" or longer		Sea-run King Salmon less than 20"		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Lake Trout		Dolly Varden/ Arctic Char		Steel-head Trout		Rainbow Trout		Arctic Grayling		Whitefish		Burbot		Other (specify)								
				C	A	U	G	H	T	K	E	E	P	T	C	A	U	G	H	T	K	E	E	P	T	C	A	U	G	H	T	K	E	E	P	T
				C	A	U	G	H	T	K	E	E	P	T	C	A	U	G	H	T	K	E	E	P	T	C	A	U	G	H	T	K	E	E	P	T
UPPER COPPER RIVER DRAINAGE Sport Fishing																																				
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼		
8 Crosswind Lake																																				
650 Gulkana River (above Paxson Lake)																																				
501 Gulkana River (Paxson L outlet to counting tower)																																				
502 Gulkana River (Counting tower to mouth West Fork)																																				
600 Gulkana R (West Fork mouth to Richardson Hwy)																																				
16 Gulkana River (Richardson Hwy to Copper River)																																				
371 Middle Fork (Gulkana River tributary)																																				
372 West Fork (Gulkana River tributary)																																				
416 Klutina River																																				
212 Mendeltna Creek																																				
13 Paxson Lake																																				
4 Silver Lake																																				
14 Summit Lake (near Paxson)																																				
398 Tolsona Lake																																				
287 Tonsina River																																				
110 Other Streams (specify)																																				
111 Other Lakes (specify)																																				

I ¹	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon	Silver Salmon	Red Salmon	Other (specify)
UPPER COPPER RIVER DRAINAGE Personal Use Dipnetting (Do not include any fishwheel or subsistence dipnetting)				K E E P T	K E E P T	K E E P T	K E E P T
PERSONAL USE DIPNET FISHERIES	▼	▼	▼	▼	▼	▼	▼
9010 Copper River dipnet (near Chitina)							



For map, see page 20.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

J	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden/ Arctic Char		Steel-head Trout		Cut-throat Trout		Halibut		Shark		Rockfish see pg 47		Lingcod see pg 47		Pacific Cod see pg 47		Shrimp (Gallons)		Other (specify)			
				C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K		
NORTH GULF COAST/ PRINCE WILLIAM SOUND																																					
Saltwater Fishing from a Boat																																					
Boat Trip ENDED in SEWARD. Fish were caught in the site indicated below:																																					
1101	Resurrection Bay																																				
1105	North Gulf Coast West of Aialik Cape																																				
1106	North Gulf Coast East of Aialik Cape																																				
1103	Western Prince William Sound																																				
1104	Other Boat site (specify)																																				
Boat Trip ENDED in WHITTIER, CHENEGA, or other site in western PRINCE WILLIAM SOUND. Fish were caught in the site indicated below:																																					
1201	Western Prince William Sound																																				
1202	Eastern Prince William Sound																																				
1203	Other Boat site (specify)																																				
Boat Trip ENDED in VALDEZ. Fish were caught in the site indicated below:																																					
1301	Western Prince William Sound																																				
1302	Eastern Prince William Sound																																				
1305	Valdez Arm																																				
1303	Other Boat site (specify)																																				
Boat Trip ENDED in CORDOVA, or other site in eastern PRINCE WILLIAM SOUND. Fish were caught in the site indicated below:																																					
1401	Western Prince William Sound																																				
1402	Eastern Prince William Sound																																				
1403	Other Boat site (specify)																																				
Boat Trip ENDED in location OTHER than those listed above. Fish were caught in the site indicated below:																																					
1500	Other site (specify)																																				

Please note: North Gulf Coast/Prince William Sound is continued on next page.

For map, see page 20.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

J	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Dolly Varden/ Arctic Char	Steelhead Trout	Rainbow Trout	Cutthroat Trout	Arctic Grayling	Halibut	Shark	Rockfish see pg 47	Lingcod see pg 47	Hard Shell Clams (gallons)	Shrimp (gallons)	Other (specify)	
				C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C
NORTH GULF COAST/ PRINCE WILLIAM SOUND																								
SALTWATER FISHING FROM SHORE																								
727	Shoreline - Valdez Road System																							
831	Shoreline - Allison Point																							
747	Shoreline - Remainder of Valdez Arm																							
1008	Shoreline - Resurrection Bay (Seward)																							
759	Shoreline - Whittier, Passage Canal																							
729	Shoreline - Orca Inlet (Cordova)																							
4	Other Shoreline Site (specify)																							
FRESHWATER																								
5	Eyak River																							
307	Eshamy Lake, Creek & Lagoon																							
7	Coghill River																							
114	Alaganik Slough																							
222	Robe River																							
308	Clear Creek																							
12	Shrode Lake																							
110	Other Streams (specify)																							
113	Other Lakes (specify)																							

For map, see page 20.

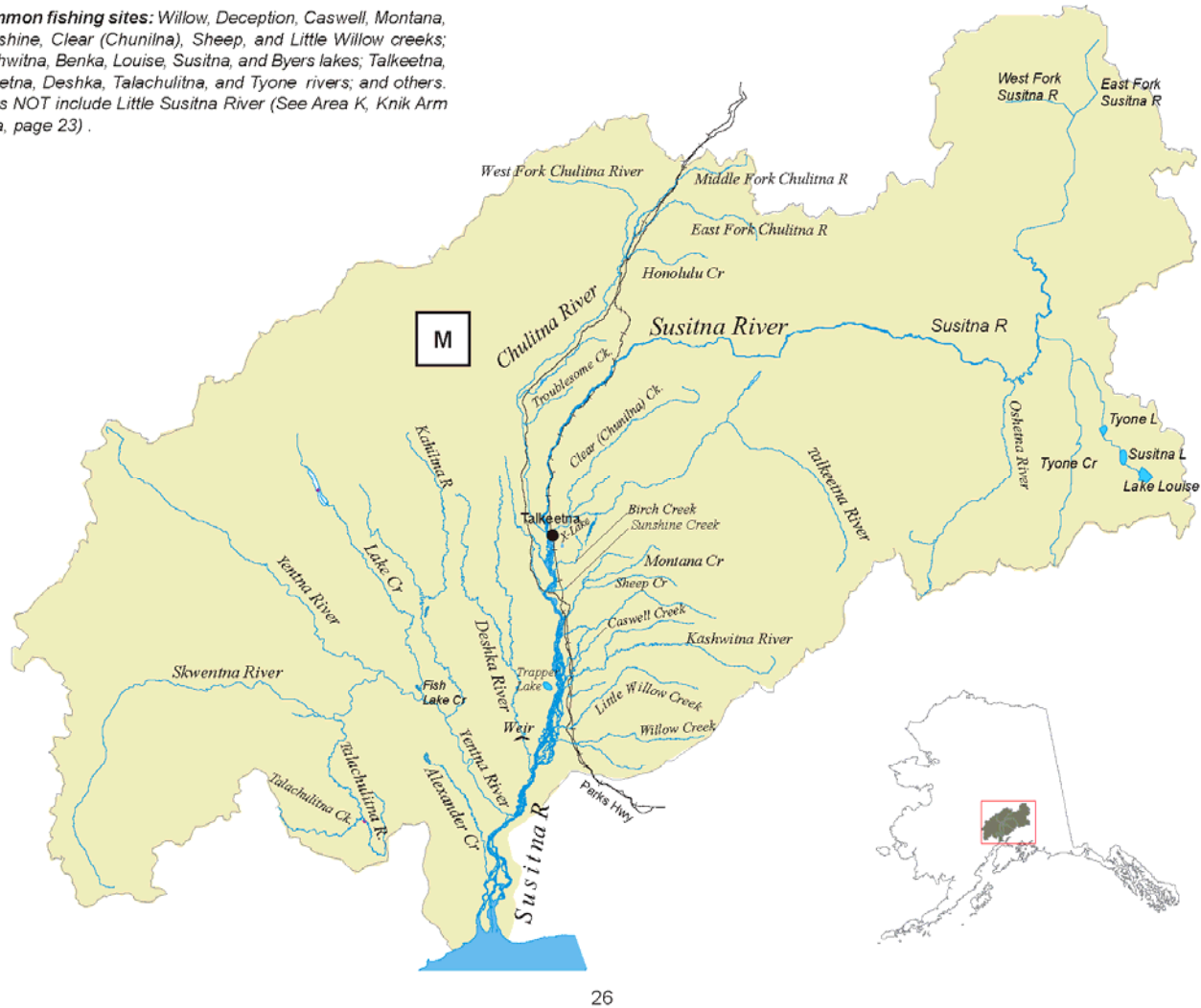
Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
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 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

L	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Sea-run King Salmon 20" or longer		Sea-run King Salmon less than 20"		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden/ Arctic Char		Rainbow Trout		Arctic Grayling		Northern Pike		Whitefish		Smelt		Other (specify)	
				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT
ANCHORAGE AREA																															
SALTWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
1 Boat Sites (specify)																															
2 Shoreline Sites (specify)																															
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
ANCHORAGE AREA LAKES																															
4 Campbell Point Lake																															
20 C Street Lake (Taku-Campbell Lake)																															
23 Cheney Lake																															
138 Delong Lake																															
3 Jewel Lake																															
215 Lake Otis																															
5 Sand Lake																															
24 University (APU) Lake																															
124 Other Anchorage Area Lakes (specify)																															
EAGLE RIVER/CHUGIAK LAKES																															
21 Beach Lake																															
139 Eklutna Lake																															
6 Lower Fire Lake																															
7 Mirror Lake																															
228 Symphony Lake																															
302 Other Eagle River/Chugiak Lakes (specify)																															

Please note: Anchorage Area Freshwater is continued on next page.

AREA M - SUSITNA RIVER DRAINAGE

Common fishing sites: Willow, Deception, Caswell, Montana, Sunshine, Clear (Chunilna), Sheep, and Little Willow creeks; Kashwitna, Benka, Louise, Susitna, and Byers lakes; Talkeetna, Oshetna, Deshka, Talachulitna, and Tyone rivers; and others. Does NOT include Little Susitna River (See Area K, Knik Arm Area, page 23) .

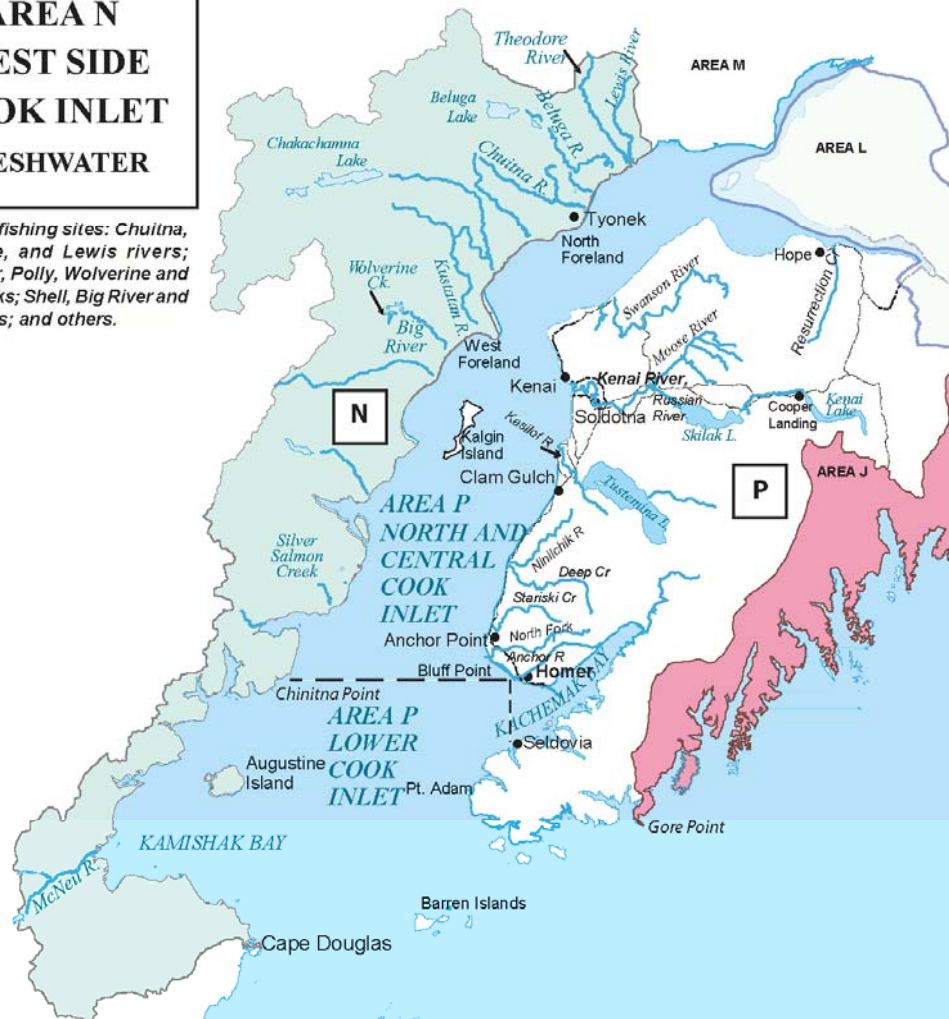


**AREA N
WEST SIDE
COOK INLET
FRESHWATER**

Common fishing sites: Chuitna, Theodore, and Lewis rivers; Alexander, Polly, Wolverine and Lake creeks; Shell, Big River and Judd lakes; and others.

**AREA P
KENAI PENINSULA/
COOK INLET
FOR MAP OF KENAI RIVER
SEE PAGE 32**

Common fishing sites: Kenai River (for map of the Kenai River with site listings, see page 32). Anchor, Ninilchik, Russian, Kasilof and Snow rivers; Deep, Granite, Resurrection and Stariski creeks; Hidden and Paradise lakes; Swanson River and Swan Lake Canoe systems; and others. Includes Kachemak Bay, the Barren Islands, and Cook Inlet waters north of the latitude of Cape Douglas. (Does NOT include Resurrection Bay; see Page 21, area J).



For map, see page 28.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

N	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer	King Salmon less than 20"	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Lake Trout	Dolly Varden/ Arctic Char	Rainbow Trout	Arctic Grayling	Whitefish	Northern Pike	Burbot	Smelt	Other (specify)	
				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT
WEST SIDE COOK INLET AREA Sport Fishing																			
SALTWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
ALL COOK INLET SALTWATER FISHING SHOULD BE REPORTED TO AREAS P ₁ AND P ₆ (SEE PAGE 30).																			
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
FRESHWATER NORTH OF NORTH FORELAND FISHING SITES																			
8 Chuitna River																			
10 Lewis River																			
9 Theodore River																			
332 Other Sites (specify)																			
FRESHWATER SOUTH OF NORTH FORELAND FISHING SITES																			
186 Kustatan River																			
125 Big River Lakes																			
340 Wolverine Creek (Big R. Lakes)																			
237 Silver Salmon Creek																			
333 Other Sites (specify)																			

P ₂	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Hard Shell Clams (Gallons)	Razor Clams (Numbers)	Other Shellfish (specify)
				KEPT	KEPT	KEPT
WEST SIDE COOK INLET AREA Shellfish						
SHELLFISH	▼	▼	▼	▼	▼	▼
16 Polly Creek Beach/Crescent R Bar						
700 Shellfish, north of Chinitna Point						
710 Shellfish, south of Chinitna Point						
1004 Other West Cook Inlet shellfish sites (specify)						

P ₂	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Hard Shell Clams (Gallons)	Razor Clams (Numbers)	Other Shellfish (specify)
				KEPT	KEPT	KEPT
EAST SIDE COOK INLET AREA Shellfish						
SHELLFISH	▼	▼	▼	▼	▼	▼
797 Kachemak Bay (including Bluff Point to Seldovia)						
1000 Clams: between Anchor Point and Kasilof River (including Whiskey Gulch, Deep Creek, Ninilchik, Clam Gulch and Cohoe beaches)						
953 Lower Cook Inlet sites west of Gore Point and Kachemak Bay (NOT including Kachemak Bay)						
4 Other East Cook Inlet Shellfish sites (specify)						

Please note: Kenai Peninsula/Cook Inlet Area is continued on next page.

For map, see page 28.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

P _{1,6} NORTHERN and CENTRAL COOK INLET SALTWATER	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon prior to and inc. June 24		Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Dolly Varden/ Arctic Char	Steel-head Trout	Smelt	Halibut	Shark	Rockfish see pg 47	Lingcod see pg 47	Pacific Cod see pg 47	Other (specify)			
				CAUGHT	KEPT													CAUGHT	KEPT	CAUGHT	KEPT
CHARTER BOAT SALTWATER (P6)	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼		
980 Cook Inlet area north of Bluff Point including saltwaters by Anchor River, Whiskey Gulch, Deep Creek and Ninilchik River; and West side Cook Inlet north of Chinitna Point																					
PRIVATE BOAT SALTWATER (P1)	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼		
980 Cook Inlet area north of Bluff Point including saltwaters by Anchor River, Whiskey Gulch, Deep Creek and Ninilchik River; and West side Cook Inlet north of Chinitna Point																					
FISHING FROM SHORE SALTWATER (P1)	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼		
981 Shoreline saltwater fishing north of Bluff Point (specify)																					
P _{1,6} LOWER COOK INLET AND KACHEMAK BAY SALTWATER	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon Summer Fishery*		King Salmon Winter Fishery**		Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Dolly Varden/ Arctic Char	Steel-head Trout	Smelt	Halibut	Shark	Rockfish see pg 47	Lingcod see pg 47	Pacific Cod see pg 47	Other (specify)	
CAUGHT				KEPT	CAUGHT	KEPT	CAUGHT													KEPT	CAUGHT
CHARTER BOAT SALTWATER (P6)	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
796 Kachemak Bay (including Bluff Point area to Seldovia)																					
952 Lower Cook Inlet sites west of Gore Point and Kachemak Bay (not including Kachemak Bay)																					
PRIVATE BOAT SALTWATER (P1)	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
796 Kachemak Bay (including Bluff Point area to Seldovia)																					
952 Lower Cook Inlet sites west of Gore Point and Kachemak Bay (not including Kachemak Bay)																					
FISHING FROM SHORE SALTWATER (P1)	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
823 Homer Spit Shoreline																					
991 Other Shoreline saltwater fishing sites (specify)																					

* Summer king salmon fishery occurs April 1 through September 30.

** Winter king salmon fishery occurs January 1 through March 31 and October 1 through December 31.

Please note: Kenai Peninsula Area Freshwater is on next page.

For map, see page 28.

For Kenai and Kasilof rivers sport fishing, see pages 32-33.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

P ₀	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Sea-run King Salmon 20" or longer	Sea-run King Salmon less than 20"	Sea-run Silver Salmon	Land-locked Kings, Silvers	Red Salmon prior to and inc. July 15	Red Salmon* after July 15	Red Salmon	Pink Salmon	Chum Salmon	Lake Trout	Dolly Varden/Arctic Char	Steel-head Trout	Rain-bow Trout	Arctic Gray-ling	White-fish	North-ern Pike	Burbot	Smelt	Other (specify)
KENAI PENINSULA FRESHWATER GUIDED AND NONGUIDED				C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T
OTHER FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
5 Anchor River																						
147 Crescent Lake																						
7 Deep Creek																						
12 Hidden Lake																						
6 Ninilchik River																						
218 Quartz Creek																						
261 Resurrection Creek (near Hope)																						
9 Russian River**																						
226 Sixmile Creek Drainage***																						
228 Skilak Lake																						
8 Stariski Creek																						
15 Swan Lake Canoe System																						
334 Swanson River																						
14 Swanson River Canoe Route Lakes																						
244 Tustumena Lake																						
111 Other Streams (specify)																						
114 Other Lakes (specify)																						

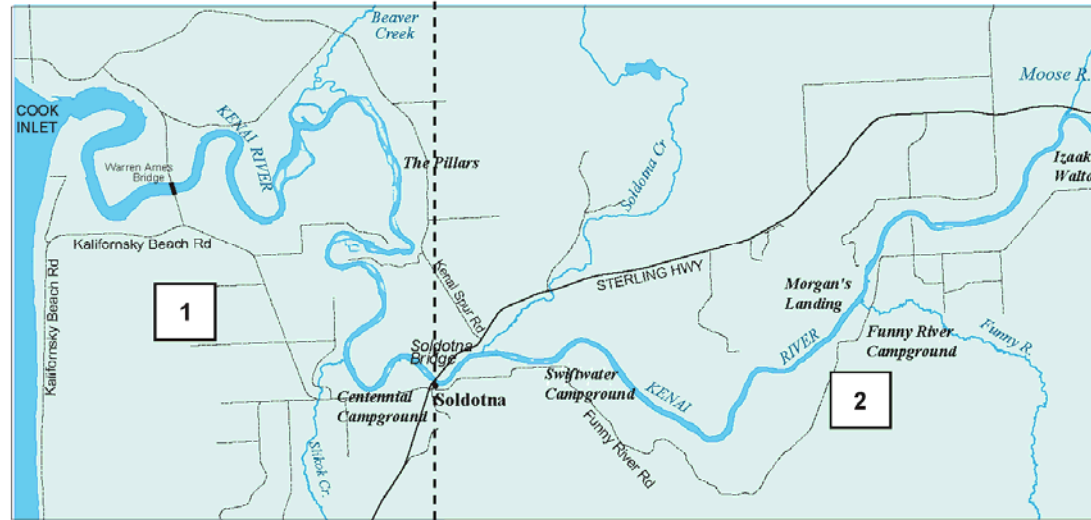
* Red Salmon dates only apply to Russian River; record all other red salmon in next column.

** Include all fishing in the 1,800 yard section of the Kenai River immediately downstream from the Russian River.

*** Including Sixmile, Granite, East Fork and Canyon Creeks.

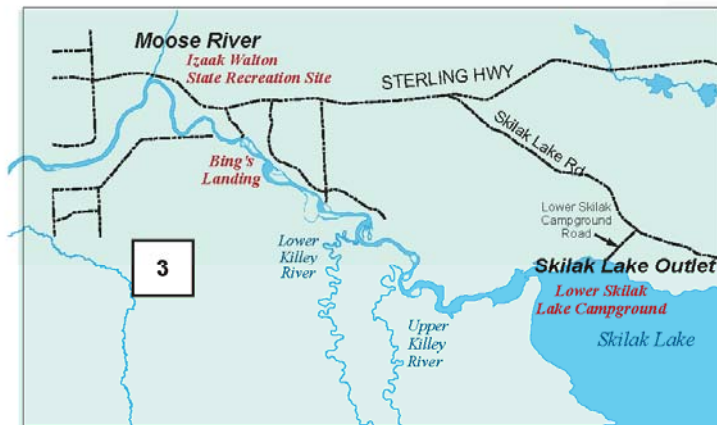
P ₃	No. of Household Anglers	No. of Household Trips	Sum of Household Angler's Days Fished	Sea-run King Salmon	Sea-run Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Other (specify)
KENAI PENINSULA AREA Dipnet/Gillnet Fishing				K E E P T	K E E P T	K E E P T	K E E P T	K E E P T	K E E P T
NET FISHERIES	▼	▼	▼	▼	▼	▼	▼	▼	▼
9001 China Poot (dipnet)									
9002 Kenai River (dipnet)									
9003 Kasilof River (dipnet)									
9007 Kasilof River (gillnet)									

AREA P KENAI RIVER FISHING SITES



Area Code Letter P
Site No.1 - Cook Inlet to Soldotna Bridge

Area Code Letter P
Site No. 2 - Soldotna Bridge to Moose River



Area Code Letter P
Site No. 3 Kenai River - Moose River to Skilak Outlet



Area Code Letter P
Site No. 4 Kenai River - Skilak Inlet to Kenai Lake

For map, see page 32.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

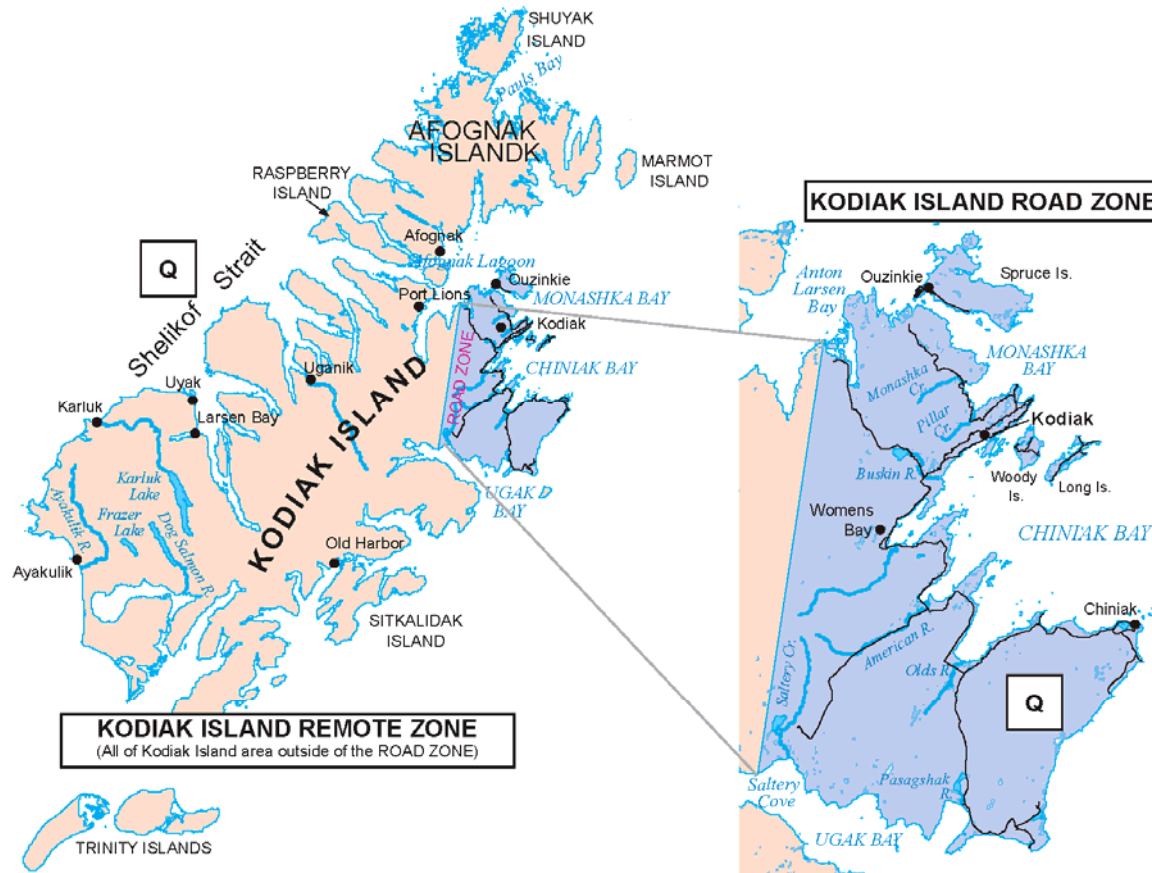
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

P4	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon prior to July 1	King Salmon after and inc. July 1	Silver Salmon prior to Sept 1	Silver Salmon after and inc. Sept 1	Red Salmon	Pink Salmon	Chum Salmon	Lake Trout	Dolly Varden/ Arctic Char	Steel-head Trout	Rainbow Trout	Arctic Grayling	Whitefish	Northern Pike	Smelt	Other (specify)
KENAI AND KASLOF RIVERS NON-GUIDED				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT
FRESHWATER NON-GUIDED	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
1 Kenai River - Cook Inlet to Soldotna Bridge																			
2 Kenai River - Soldotna Bridge to Moose River																			
3 Kenai River - Moose River to Skilak Outlet																			
4 Kenai River - Skilak Inlet to Kenai Lake																			
500 Kaslof River Bank Fishing																			
600 Kaslof River Boat Fishing																			

P5	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon prior to July 1	King Salmon after and inc. July 1	Silver Salmon prior to Sept 1	Silver Salmon after and inc. Sept 1	Red Salmon	Pink Salmon	Chum Salmon	Lake Trout	Dolly Varden/ Arctic Char	Steel-head Trout	Rainbow Trout	Arctic Grayling	Whitefish	Northern Pike	Smelt	Other (specify)
KENAI AND KASLOF RIVERS GUIDED				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT
FRESHWATER GUIDED	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
1 Kenai River - Cook Inlet to Soldotna Bridge																			
2 Kenai River - Soldotna Bridge to Moose River																			
3 Kenai River - Moose River to Skilak Outlet																			
4 Kenai River - Skilak Inlet to Kenai Lake																			
500 Kaslof River Bank Fishing																			
600 Kaslof River Boat Fishing																			

AREA Q - KODIAK AREA

Common fishing sites: Buskin and Pasagshak rivers; Karluk River, Lake and Lagoon; and others.



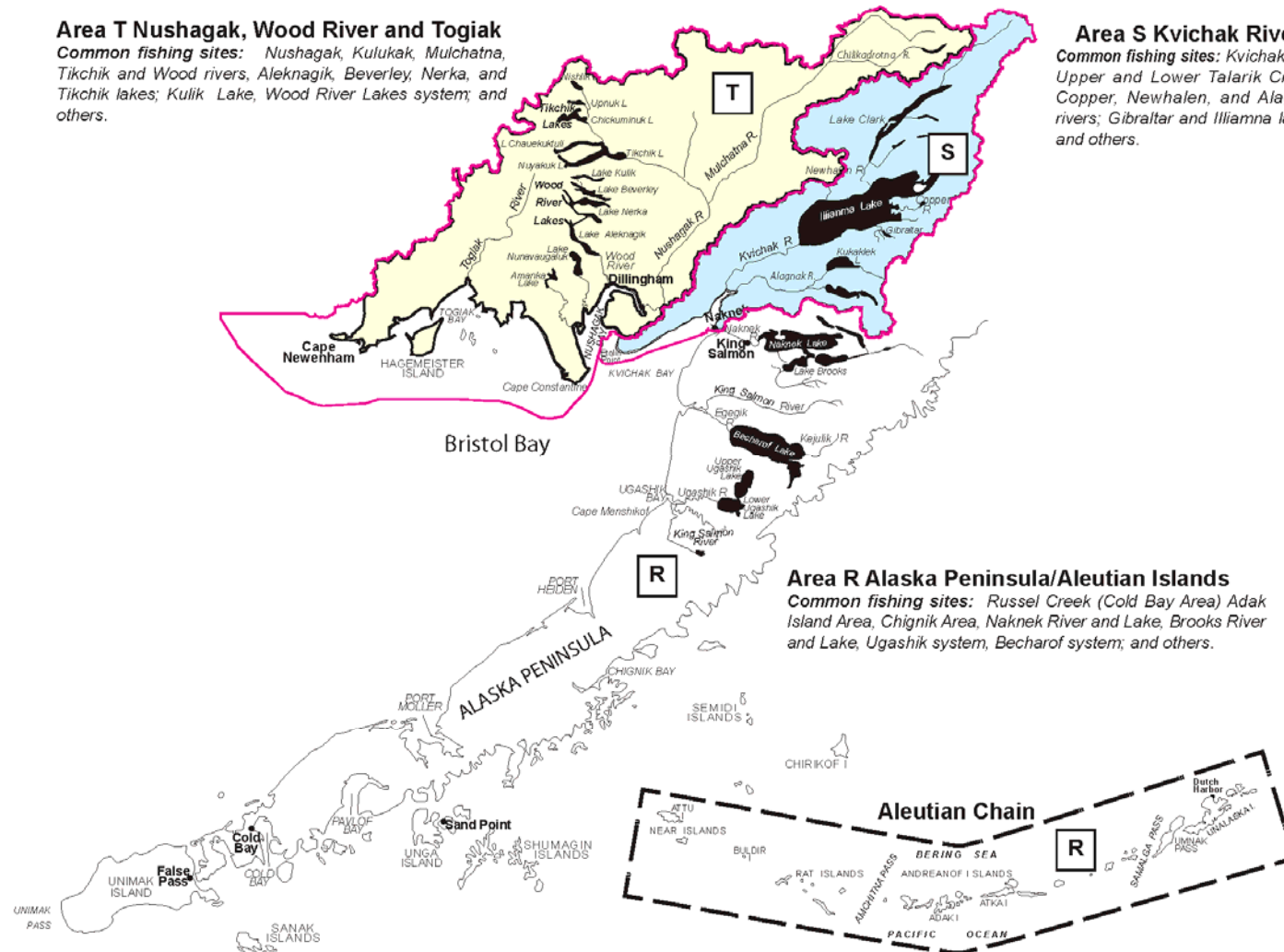
SOUTHWEST ALASKA - AREAS R-T

Area T Nushagak, Wood River and Togiak

Common fishing sites: Nushagak, Kulukak, Mulchatna, Tikchik and Wood rivers, Aleknagik, Beverley, Nerka, and Tikchik lakes; Kulik Lake, Wood River Lakes system; and others.

Area S Kvichak River

Common fishing sites: Kvichak Bay, Upper and Lower Talarik Creek, Copper, Newhalen, and Alagnak rivers; Gibraltar and Illiamna lakes; and others.



For map, see page 36.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

S	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char		Rainbow Trout		Arctic Grayling		Whitefish		Northern Pike		Burbot		Smelt		Other (specify)	
				C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A
KVICHAK RIVER DRAINAGE																																	
SALTWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
704 Boat Sites (specify)																																	
705 Shoreline Sites (specify)																																	
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
8 Alagnak (Branch) River																																	
141 Battle River																																	
5 Copper River (tributary of Iliamna Lake)																																	
146 Funnel Creek																																	
6 Gibraltar Lake																																	
170 Gibraltar River																																	
125 Iliamna Lake																																	
120 Iliamna River																																	
183 Kukaklek River (Big Ku)																																	
123 Kulik River																																	
3 Kvichak River																																	
9 Lake Clark																																	
134 Moraine Creek																																	
7 Newhalen River																																	
4 Lower Talarik Creek																																	
139 Upper Talarik Creek																																	
111 Other Streams (specify)																																	
110 Other Lakes (specify)																																	

For map, see page 36.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

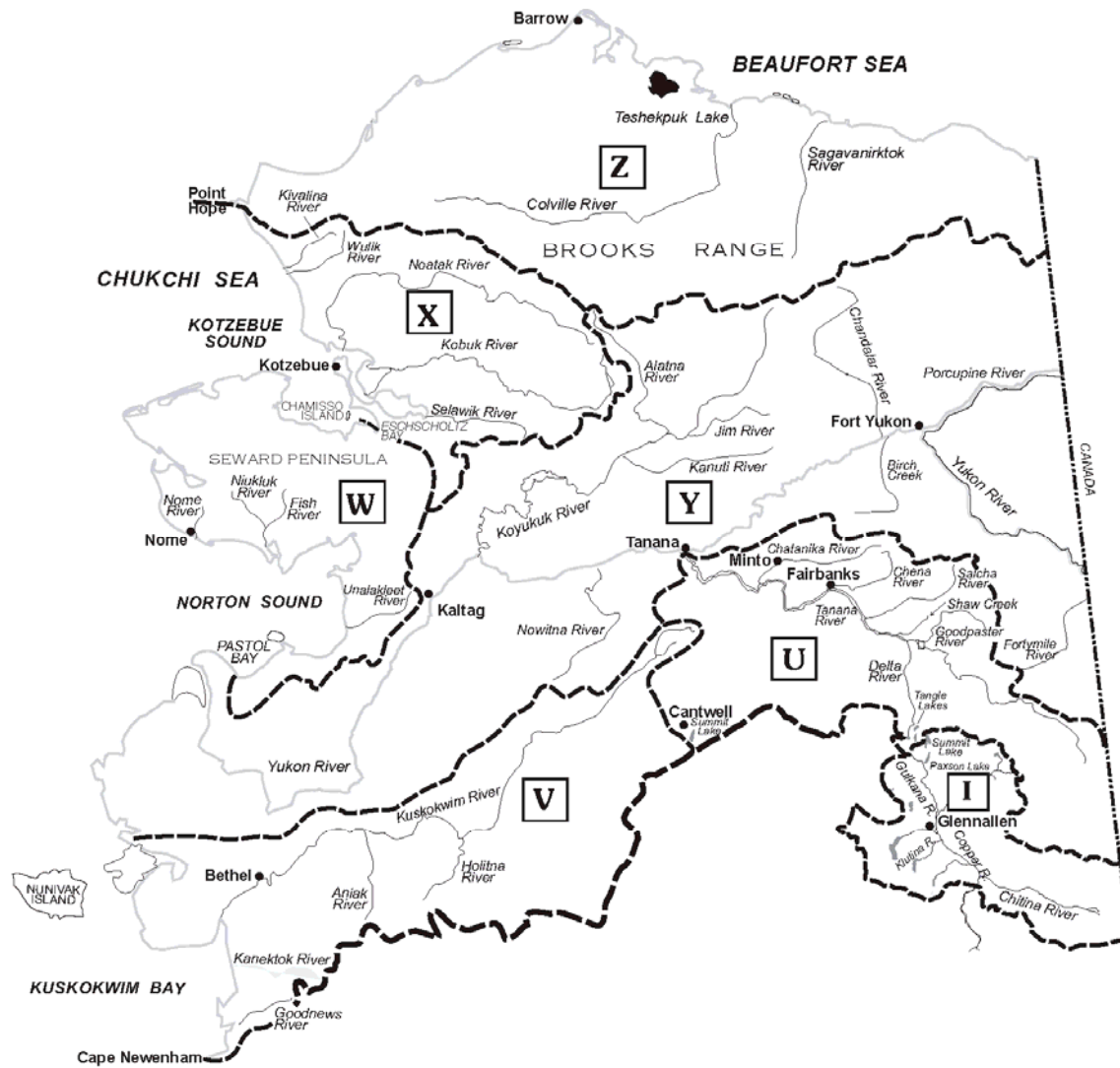
T	No. of House- hold Anglers	No. of House- hold Trips	Sum of Each House- hold Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char		Rainbow Trout		Arctic Grayling		Whitefish		Northern Pike		Burbot		Smelt		Other (specify)	
				C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T
NUSHAGAK, WOOD RIVER AND TOGIK AREA																																	
SALTWATER																																	
1 Boat Sites (specify)																																	
2 Shoreline Sites (specify)																																	
FRESHWATER																																	
207 Nushagak River - Black Point upstream to sonar site (by Portage Creek)*																																	
208 Nushagak River - sonar site (by Portage Creek) upstream to outlet of Mulchatna River*																																	
190 Nushagak River upstream from outlet of Mulchatna River*																																	
3 Remainder of Nushagak System (specify)																																	
7 Mulchatna River																																	
112 Lake Aleknagik																																	
111 Agulowak River																																	
128 Agulukpak River																																	
4 Other Wood River Lakes System**																																	
206 Nuyakuk River																																	
5 Other Tikchik-Nuyakuk Lake System***																																	
6 Togiak Rver System****																																	
109 Other Streams (specify)																																	
110 Other Lakes (specify)																																	

* Excluding Mulchatna R. and tributaries, Kokwok and Iowitla rivers.

** Including Lakes Nerka, Beverley, and Kulik.

*** Including Nuyakuk, Tikchik, Chikuminuk, Nishlik, and Upnuk lakes, and Lake Chauekuktuli.

**** Including Togiak River-Lake drainage area.



For map, see page 40.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

U	No. of House- hold Anglers	No. of House- hold Trips	Sum of Each House- hold Angler's Days Fished	Sea-run King Salmon 20' or longer		Sea-run King Salmon less than 20"		Sea-run Silver Salmon		Chum Salmon		Land-locked Kings, Silvers		Lake Trout		Dolly Varden/ Arctic Char		Rainbow Trout		Arctic Grayling under 12"		Arctic Grayling 12" & over		Least Cisco		Hump-back Whitefish		Round Whitefish		Sheefish		Other Whitefish		Northern Pike 30" & under		Northern Pike over 30"		Burbot		Other (specify)	
				C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T		
TANANA RIVER DRAINAGE FRESHWATER STREAMS																																									
FRESHWATER STREAMS	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
137 Brushkana Creek																																									
613 Lower Chatanika R and tributaries (downstream of Elliot Hwy)																																									
614 Upper Chatanika R and tributaries (upstream of Elliot Hwy)																																									
1050 Lower Chena River (including Badger Slough)*																																									
1051 Upper Chena River **																																									
6 Delta Clearwater Creek																																									
17 Delta River (below Tangle Lakes)																																									
8 Goodpaster River																																									
513 Nenana River drainage (not including Brushkana Creek)																																									
319 Piledriver Slough (including Moose Creek)																																									
7 Richardson Clearwater Creek																																									
5 Salcha River																																									
16 Shaw Creek																																									
514 Lower Tanana River downstream from Nenana (mainstem only)																																									
515 Middle Tanana R. between Delta Jct. and Nenana (mainstem only)																																									
516 Upper Tanana River upstream from Delta Jct. (mainstem only)																																									
116 Other Streams (specify)																																									

* The lower Chena River and tributaries, from the mouth upstream to the Moose Creek Dam at river mile 45, including all parts of Badger Slough (sometimes called Chena Slough).

** The upper Chena River and tributaries upstream of the Moose Creek Dam at river mile 45.

Page 1 of 2 - Tanana River Drainage is continued on next page.

For map, see page 40.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

U	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Sea-run King Salmon 20" or longer		Sea-run King Salmon less than 20"		Sea-run Silver Salmon		Chum Salmon		Land-locked Kings, Silvers		Lake Trout		Dolly Varden/ Arctic Char		Rainbow Trout		Arctic Grayling under 12"		Arctic Grayling 12" & over		Least Cisco		Hump-back Whitefish		Round Whitefish		Sheefish		Other Whitefish		Northern Pike 30" & under		Northern Pike over 30"		Burbot		Other (specify)	
				C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T		
TANANA RIVER DRAINAGE LAKES AND PONDS																																									
FRESHWATER LAKES	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
9 Birch Lake																																									
347 Chena Hot Springs Rd ponds*																																									
18 Chena Lake Recreation Area																																									
584 Coal Mine Road lakes**																																									
408 Dune Lake																																									
163 East Twin Lake																																									
13 Fielding Lake																																									
11 George Lake																																									
189 Harding Lake																																									
201 Koole Lake																																									
583 Meadow Road Lakes***																																									
14 Minto Flats; lakes and rivers of Minto Flats State Game Refuge																																									
10 Quartz Lake																																									
346 Steese ponds ****																																									
15 Tangle Lakes and River †																																									
12 Volkmar Lake																																									
117 Other Lakes (specify)																																									

* Ponds along the Chena Hot Springs Road, from mile 30 to mile 50.

** Lakes accessible from the Coal Mine Road, located at Mile 242 Richardson Highway approximately 22 miles south of Delta Junction.

*** Lakes along the Meadows and Ridge roads in the southern part of the Fort Greely Military Reservation, including Weasel Lake.

**** Ponds along the Steese Highway from mile 30 to mile 40.

† Including Long Tangle, Lower Tangle, Landlocked Tangle, Round Tangle, and Upper Tangle Lakes.

For map, see page 40.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

V KUSKOKWIM RIVER/ KUSKOKWIM BAY DRAINAGES	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char		Rainbow Trout		Arctic Grayling		Whitefish		Sheefish		Northern Pike		Burbot		Smelt		Halibut		Other (specify)	
				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT		
SALTWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
1 Boat Sites (specify)																																					
2 Shoreline Sites (specify)																																					
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
KUSKOKWIM RIVER UPSTREAM OF THE ANIAK RIVER																																					
300 Kuskokwim River mainstem, above Aniak River																																					
6 Holitna River																																					
134 George River																																					
301 Other Streams (specify)																																					
302 Lakes (specify)																																					
KUSKOKWIM RIVER DOWNSTREAM OF THE ANIAK RIVER																																					
310 Kuskokwim River mainstem, below Aniak River																																					
5 Aniak River																																					
43 Kisaralik River																																					
19 Kwethluk River																																					
311 Other Streams (specify)																																					
312 Lakes (specify)																																					
KUSKOKWIM BAY STREAMS AND LAKES																																					
3 Kanektok River																																					
4 Goodnews River																																					
321 Other Streams (specify)																																					
322 Lakes (specify)																																					

PLEASE DO NOT INCLUDE SUBSISTENCE ROD AND REEL FISHING IN THIS SURVEY.

For map, see page 40.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

W NORTON SOUND/ SEWARD PENINSULA AREA	No. of House- hold Anglers	No. of House- hold Trips	Sum of Each House- hold Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden/ Arctic Char		Arctic Grayling 15" & under		Arctic Grayling over 15"		Whitefish		Northern Pike		Burbot		Halibut		King Crab		Other (specify)	
				C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T		
SALTWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
1 Boat Sites (specify)																																	
2 Shoreline sites (specify)																																	
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
11 Eldorado River																																	
112 Fish River and tributaries (excluding Niukluk River)*																																	
30 Flambeau River																																	
14 Fox River																																	
18 Kuzitrin River																																	
210 Niukluk River and tributaries (BELOW the ADF&G Tower)**																																	
211 Niukluk River and tributaries (ABOVE the ADF&G Tower)**																																	
4 Nome River																																	
94 North River																																	
6 Pilgrim River																																	
41 Shaktoolik River																																	
22 Sinuk River																																	
12 Snake River																																	
15 Solomon River																																	
3 Unalakleet River																																	
7 Other Streams (specify)																																	
8 Lakes (specify)																																	

* Including Pargon, and Rathlatulik rivers, and Boston Creek.

** Including Casadepaga River.

PLEASE DO NOT INCLUDE SUBSISTENCE ROD AND REEL FISHING IN THIS SURVEY.

For map, see page 40.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
 Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
 Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS

Y	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer	King Salmon less than 20"	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Lake Trout	Dolly Varden/ Arctic Char	Arctic Grayling	Whitefish	Sheefish	North-ern Pike 30" and under	North-ern Pike 30" and over	Burbot	Other (specify)
				C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T
YUKON RIVER DRAINAGE FRESHWATER																		
YUKON RIVER DRAINAGES DOWNSTREAM FROM KOYUKUK RIVER																		
147																		
148																		
182																		
247																		
Other sites Yukon R. downstream from Koyukuk R. (specify)																		
YUKON RIVER DRAINAGES KOYUKUK RIVER TO FORT YUKON																		
ACCESSED FROM THE DALTON HIGHWAY (HAUL ROAD)																		
15																		
400																		
410																		
420																		
899																		
Other Streams accessed from Dalton Hwy (specify)																		
898																		
Other Lakes accessed from Dalton Hwy (specify)																		
NOT ACCESSED FROM THE DALTON HIGHWAY (HAUL ROAD)																		
500																		
510																		
520																		
16																		
204																		
94																		
202																		
255																		
24																		
248																		
Other Sites Koyukuk R. to Ft. Yukon (specify)																		
YUKON RIVER DRAINAGES FORT YUKON TO CANADIAN BORDER																		
249																		
Other Sites (specify)																		

*Koyukuk R. downstream from confluence with South Fork (not accessed from Dalton Highway).

PLEASE DO NOT INCLUDE SUBSISTENCE ROD AND REEL FISHING IN THIS SURVEY.

For map, see page 40.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

Z	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char		Arctic Grayling		Whitefish		Northern Pike		Burbot		Smelt		Other (specify)	
				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT
NORTH SLOPE/ BROOKS RANGE AREA																											
SALT WATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
1 Boat Sites (specify)																											
2 Shoreline Sites (specify)																											
FRESH WATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
LAKES NEAR DALTON HIGHWAY (HAUL ROAD)																											
60 Galbraith Lake																											
43 Toolik Lake																											
99 Other Lakes (specify)																											
STREAMS NEAR DALTON HIGHWAY (HAUL ROAD)																											
22 Ivishak River																											
76 Sagavanirktok River																											
100 Other Streams (specify)																											
REMAINDER OF NORTH SLOPE/ BROOKS RANGE FISHING SITES																											
53 Canning River																											
14 Kongakut River																											
6 Other Streams (specify)																											
5 Other Lakes (specify)																											

PLEASE DO NOT INCLUDE SUBSISTENCE ROD AND REEL FISHING IN THIS SURVEY.



Dear Sport Angler,

The year 2008 will mark the 32nd year in which the annual Statewide Harvest Survey has been successfully conducted. The angler response rate has consistently been above average for a survey of this magnitude, and for this we have you to thank.

One of the primary goals of Alaska Department of Fish and Game is to provide a diverse mix of recreational fishing opportunities that are of interest to Alaskans and visitors of our state. Your response to this sport fish survey is important, and aids us in providing statewide estimates of participation, catch, and harvest for our fisheries managers. Alaska Department of Fish and Game uses this information to protect and improve recreational fisheries throughout Alaska.

The results of this survey will be available to the public in the fall of 2009. Feel free to call us at (907) 267-2280 or email us at dfg.dsf.publications@alaska.gov if we can assist you.

Please visit our website, which provides current and historic information gathered from this vital survey. Our web address is: <http://www.ssf.adfg.state.ak.us/Statewide/ParticipationAndHarvest/index.cfm>

Thank-you again,



Charles Swanton
Director, Division of Sport Fish

The Alaska Department of Fish and Game (ADF&G) administers all programs and activities free from discrimination based on race, color, national origin, age, sex, religion, marital status, pregnancy, parenthood, or disability. The department administers all programs and activities in compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act (ADA) of 1990, the Age Discrimination Act of 1975, and Title IX of the Education Amendments of 1972. If you believe you have been discriminated against in any program, activity, or facility please write: ADF&G ADA Coordinator, P.O. Box 115526, Juneau, AK 99811-5526; U.S. Fish and Wildlife Service, 4401 N. Fairfax Drive, MS 2042, Arlington, VA 22203; Office of Equal Opportunity, U.S. Department of the Interior, 1849 C Street NW MS 5230, Washington DC 20240. The department's ADA Coordinator can be reached via phone at the following numbers: (VOICE) 907-465-6077, (Statewide Telecommunication Device for the Deaf) 1-800-478-3648, (Juneau TDD) 907-465-3646, or (FAX) 907-465-6078.

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

SARAH PALIN, GOVERNOR

Research & Technical Services
333 Raspberry Road.
Anchorage, AK 99518-1599
PHONE: (907) 267-2280
FAX: (907) 267-2422

Dear Angler,

Re: Sport Fishing in Alaska, 2008

You are one of the licensed anglers selected to receive an Alaska **2008 Sport Fish Survey**, and we hope that you will participate in a process that supports Alaska's fishing opportunities. Alaska Department of Fish and Game conducts this yearly survey asking where fishing takes place, and how many fish are caught and kept.

Across Alaska the results obtained from this survey impact the number of fish you can hook and how many you can take home. Alaska Department of Fish and Game uses the information as a guide for how to best manage the health and growth of our fishing resources. To ensure that the results are as accurate as possible, it is important that we receive your completed survey. We have found that for most people there are only a few pages that must be completed to report a household's sport fishing information. While the tables and maps may make the survey look complicated, that is because there are so many possible fishing sites across the state of Alaska.

Even if you and other members of your household did not get a chance to go fishing in 2008, we ask that you complete the General Questions on page 3 of the questionnaire, and return the survey in the postage paid envelope enclosed. We do mail reminders, and returning that information will ensure that we do not send you additional surveys.

The results of the Alaska 2008 Sport Fish Survey will be available in fall of 2009. If you are interested in seeing the results of previous years' surveys, visit the Alaska Division of Sport Fish website at: http://www.sf.adfg.state.ak.us/statewide/sf_home.cfm

Thank you very much for helping with this important study. If you have any questions, comments, or suggestions, we would be happy to talk with you. Our phone number in Anchorage is (907) 267-2280, or you can email us at: dfg.dsfpublishments@alaska.gov

Sincerely,

Charles O. Swanton, Director

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

SARAH PALIN, GOVERNOR

*Research & Technical Services
333 Raspberry Road
Anchorage, AK 99518-1599
PHONE: (907) 267-2280
FAX: (907) 267-2422*

Dear Angler,

Re: Sport Fishing in Alaska, 2008

A few weeks ago we mailed to you a copy of the Alaska **2008 Sport Fish Survey**, but as of this mailing we have not received your completed questionnaire. While you may not be able to remember all the details of your household's fishing trips in 2008, please fill out the form based upon what you can recall. Your experience will help us understand what locations are being fished, and what fish people are harvesting.

Responses are kept strictly confidential and will only be used to develop statistically valid sport fishing estimates.

If you did not fish in 2008, you need only complete the General Questions on page 3, and return the survey in the enclosed envelope. In a few weeks a final reminder will be sent to those people who have not yet responded. Please help us decrease costs by sending us your completed form now.

We hope that you will fill out and return the questionnaire soon, but if for any reason you prefer not to answer please let us know, including the number from the label on the cover of your questionnaire. This will prevent you from receiving any follow-up surveys. We can be reached by mail, by phone (907) 267-2280, or by e-mail (dfg.dsf.publications@alaska.gov).

If you have already returned your completed form, please disregard this letter and accept my thanks. If you have any questions, please feel free to contact us.

Sincerely,

Charles O. Swanton,
Director

Appendix A3.—Second reminder for standard and supplementary surveys, 2008.

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

SARAH PALIN, GOVERNOR

Research & Technical Services
333 Raspberry Road.
Anchorage, AK 99518-1599
PHONE: (907) 267-2280
FAX: (907) 267-2422

Dear Angler,

Re: Sport Fishing in Alaska, 2008

At this time of year, we realize that your 2008 fishing experience is becoming a distant memory. We are, however, requesting your help by asking that you complete the Alaska **2008 Sport Fish Survey**. We appreciate your willingness to consider our request by supplying your best recollection of your household's sport fishing participation, catch, and harvest. Your response will help guide decisions that protect and enhance Alaska's excellent sport fishing opportunities.

This survey is mailed annually to about 10% of Alaska sportfishing license holders. The information gained helps Alaska Department of Fish and Game determine where anglers fished and how many fish they caught and kept within Alaska's sport fisheries. The results are used for sport fisheries planning and management purposes, and by anglers planning for the best sport fishing experience.

The study is drawing to a close, and this is the last contact that will be made in this year's survey. Hearing from everyone who was mailed a survey helps assure that the results are as accurate as possible. Even if you or other household members didn't fish in 2008, we ask that you complete the General Questions on page 3 and mail the survey back to us in the envelope provided.

If you have already returned your completed form, please disregard this letter and accept my thanks.

Sincerely,

Charles O. Swanton,
Director

2008 Sport Fish Survey

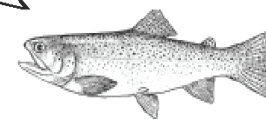


We are interested in knowing about your Alaskan fishing experiences in 2008.

Even if you did not fish in 2008, please answer the questions on page 3.

You need only fill out the pages for areas of Alaska where you or your household members fished. We ask that you do not include subsistence caught fish.

Thank-you



PLEASE ANSWER THE GENERAL QUESTIONS ON PAGE 3.
INSTRUCTIONS FOR RECORDING YOUR FISHING ACTIVITIES ARE ON PAGES 4 AND 5.
COMPLETE THIS SURVEY BOOKLET, AND RETURN IT IN THE ENCLOSED ENVELOPE.

THANK YOU!
YOUR PARTICIPATION SUPPORTS SUSTAINABLE SPORT FISHERIES THROUGHOUT THE STATE OF ALASKA.

LIST OF SECTIONS

SECTIONS	PAGE
SALTWATER, CHARTER TRIP	6
SALTWATER, NON CHARTER TRIP	7
FRESHWATER, GUIDED TRIP	8
FRESHWATER, NON GUIDED TRIP	9
PERSONAL USE DIPNETTING, GUIDED TRIP	10
PERSONAL USE DIPNETTING, NON GUIDED TRIP	10
SHELLFISH, GUIDED TRIP	11
SHELLFISH, NON GUIDED TRIP	11

DEFINITIONS

Chartered/Guided: You paid a person or a business to personally direct and accompany you in fishing activities. However, a person who provides only transportation services (including air) or rents out vessels or skiffs without remaining to direct your fishing activities is not a guide or charter operator for the purposes of this study.

Household: A household is defined as all people sharing a principal place of residence. This excludes persons renting (subletting) within a home, or relatives that live in separate homes. A person paying rent for your basement apartment is not part of your household, nor is your visiting son or daughter. Record only harvest for household members.

Personal use: Personal use fisheries are designated by the Alaska Board of Fisheries for specific areas and gear types, and are allowed only in these legally defined areas. These fisheries require an **Alaska resident** sport fishing license or Alaska Department of Fish and Game Permanent Identification card for participation, and are distinguished by the requirement that the harvest must be for personal use only. These fisheries are NOT open to non-Alaska residents.

Subsistence Fisheries: Subsistence fisheries are legally defined rural fisheries for community residents and their household only, and are based on customary and traditional use of the resource. Do not report subsistence harvest in this survey, as the Division of Sport Fish does not manage these fisheries.

The Alaska Department of Fish and Game administers all programs and activities free from discrimination based on race, color, national origin, age, sex, religion, marital status, pregnancy, parenthood, or disability. The department administers all programs and activities in compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, and Title IX of the Education Amendments of 1972. If you believe you have been discriminated against in any program, activity, or facility, or if you desire further information please write to ADF&G, ADA Coordinator, P.O. Box 115526, Juneau, AK 99811-5526; U.S. Fish and Wildlife Service, 4401 N. Fairfax Drive, MS-2042, Arlington, VA 22203 or O.E.O., U.S. Department of the Interior, 1849 C Street Washington DC 20240. The department's ADA Coordinator can be reached via phone at the following numbers: (VOICE) 907-465-6077, (Statewide Telecommunications Device for the Deaf) 1-800-478-3648, (Juneau TDD) 907-465-3646, or (FAX) 907-465-6078.

GENERAL QUESTIONS

The questions below apply to anglers who **DID PURCHASE** a 2008 Alaska Sport Fishing License:

- 1A. How many persons in your household purchased a 2008 Alaska sport fishing license? _____
- 1B. How many persons recorded in 1A (above) sport fished in Alaska in 2008? _____

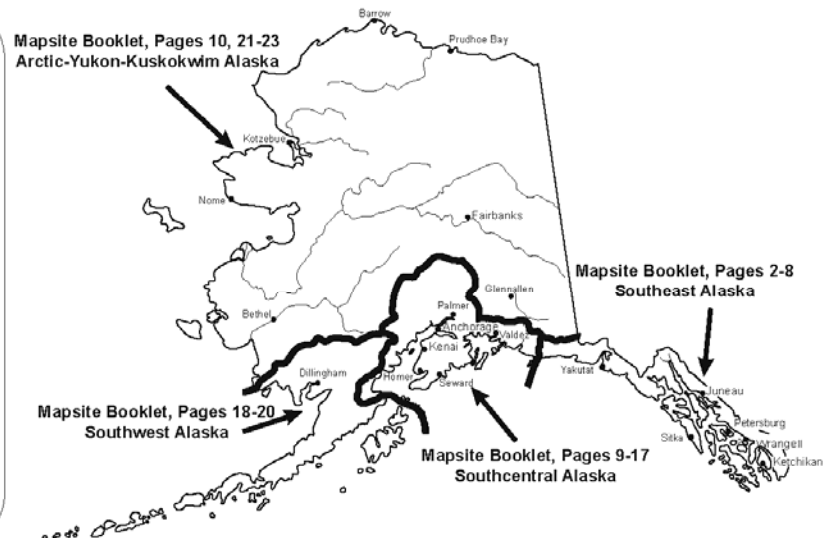
The questions below apply to anglers who **DID NOT PURCHASE** a 2008 Alaska Sport Fishing License:

- 2A. How many persons in your household under 16 years of age sport fished in Alaska in 2008? _____
- 2B. How many Alaska residents in your household have a permanent identification card for Alaska sport fishing (Alaska residents 60 years of age and older, or Alaska resident disabled veterans) including those who did not fish in Alaska? _____
- 2C. How many persons recorded in 2B (above) sport fished in Alaska in 2008? _____

The question below applies to **all members of your household** and the 2008 sport fishing season:

3. How many **total** people in your household sport fished in Alaska during 2008? _____

Please provide comments on sport fishing in Alaska during 2008:



INSTRUCTIONS

Please help reduce costs: We mail up to 2 reminders to those who do not respond. You can help reduce costs by replying promptly.

What if your household did not sport fish in 2008? Answer the questions on page 3 and return the survey in the postage-paid envelope so we may avoid mailing you additional 2008 surveys.

What if your household did sport fish in 2008?

- Answer the questions on page 3.
- Read the instructions on page 5, referring to the example below.
- Use the Mapsite booklet to identify sites. Complete the pages in this booklet that cover the areas where you or your household members fished.
- Return the survey in the postage-paid envelope.

Thank you for your assistance. Your response helps protect and improve recreational fisheries in Alaska.

Period covered: January 1 through December 31, 2008.

Who to include: Report your household's sportfishing only. Do not include visiting friends or relatives.

What to include: Report all your household sport, shellfish and personal use fishing information. If you are the beneficiary (the one who keeps the fish) of a proxy, report that fishing activity as part of your household.

What to exclude: Do not report commercially caught or subsistence caught fish. A sportfishing guide should not report client information. Do not report fish caught while proxy fishing for someone outside your household. Report only your own household information.

When to reply: Return this form after completing all 2008 sportfishing, including ice fishing.

SPORT ANGLERS LIVING OUTSIDE OF THE UNITED STATES: The postage permit that we have for return mail is valid only within the United States. Because the survey helps us to offer world class fishing experiences for all anglers, we ask that you return the survey by supplying your own postage.

Still have questions? If you have questions about this survey, please call (907) 267-2280 or contact us via email at: dfg.dsf.publications@alaska.gov

HOW TO RECORD YOUR HOUSEHOLD'S SPORT FISHING: See the step by step instructions on page 5.

EXAMPLE: A man and his wife fished together on 3 trips to the Kenai River, near the Soldotna Bridge. They both fished 1 day on each of these trips, and caught a total of 4 silver salmon and kept 3. The man then fished alone on 1 additional trip for half a day (for the survey purposes, any part of a day is counted as a whole day) but he didn't catch anything on this trip.

This survey respondent should record these trips with the following information (see the facing page for more detailed instructions).

1 FRESHWATER SPORT FISHING
NON GUIDED

Number of Household Anglers = 2
Number of Household Trips = 4 (3 by the man and his wife together, and 1 by the man alone)
Sum of Each Household Angler's Days Fished = 7 total (4 by the man, and 3 by the wife)

Fishing Sites	5 Fishery Type	6 No. of Household Anglers	7 No. of Household Trips	8 Sum of Each Household Angler's Days Fished	9 Silver Salmon		10 Pink Salmon		Red Salmon		Rainbow Trout		Chum Salmon		Dolly Varden/ Arctic Char	
					C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T		
Kenai River - Cook Inlet to Soldotna Bridge	P	1	✓	2	4	3										

HOW TO RECORD YOUR HOUSEHOLD'S 2008 SPORT FISHING

► USE THESE INSTRUCTIONS TOGETHER WITH THE EXAMPLE ON PAGE 4.

- 1 ► **Sections:** Use the Sections Listing on page 2 to identify the pages you will need to complete based on your household's 2008 sport fishing activities. Please be sure to record your fishing as saltwater or freshwater, guided or non-guided by choosing the appropriate sections. Do not combine saltwater and freshwater fishing on one line.
- 2 ► **Site Name:** Write the name of each site where you fished. Names of some commonly fished sites are provided in the Mapsite booklet included in this packet (see instructions 3 and 4). If you cannot locate a fishing site in the Mapsite book, please write the area and the name of the location, using multiple lines if necessary.
- 3 ► **Area Code Letter:** The Mapsite booklet divides Alaska into areas labeled A through Z. Use the Mapsite booklet to determine the area code letter for each of your fishing locations and write it in the column marked Area Code Letter.
- 4 ► **Site Number:** The Mapsite booklet lists the names and site numbers of some commonly fished sites in Alaska. Determine the correct site number for each location and write it in the Site Number column. If you do not find your site in the Mapsite booklet, please be sure to record the Area Code Letter and the fishing site with a brief description in the **Site Name** column.
- 5 ► **Fishery Type:** Mark whether you fished from a boat or from the shore/bank. If you fished from both a boat and on the shore/bank at the same location, check both boxes.
- 6 ► **Number of Household Anglers:** Record how many anglers in your household fished at this site.
- 7 ► **Number of Household Trips:** Record the number of trips made to this site (a trip, which may last one or more days, is a visit to a fishing location).
- 8 ► **Sum of each Household Angler's Days Fished:** Add up the **TOTAL** number of days each household member fished at this site. Count any part of a day as a whole day. If two or more anglers fished the same day, include that day in each angler's sum. Then total all anglers' days for that site. Example: If three household anglers fish two days at the same site, the sum of the household anglers' days fished = 6.
- 9 ► **Caught:** Write how many fish were caught, whether or not they were kept.
- 10 ► **Kept:** Write how many fish were kept.

Thank you! Please return the survey in the envelope provided. You may keep the Mapsite booklet.

CHARTER — YOU PAID to be personally directed during your fishing trip.

For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

[illegible]

In Area Code Letters A-H "Large" are king salmon 28 inches and over, "Small" are king salmon less than 28 inches. In Area Code Letters I-Z "Large" are king salmon 20 inches and over, "Small" are king salmon less than 20 inches.

NON CHARTER — YOU DID NOT PAY to be personally directed during your fishing trip.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

[illegible]

In Area Code Letters A-H "Large" are king salmon 28 inches and over, "Small" are king salmon less than 28 inches. In Area Code Letters I-Z "Large" are king salmon 20 inches and over, "Small" are king salmon less than 20 inches.

GUIDED — YOU PAID to be personally directed during your fishing trip.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
 Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
 Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

[illegible]

In Area Code Letters A-G "Large" are king salmon 28 inches and over, "Small" are king salmon less than 28 inches. In Area Code Letters H-Z "Large" are king salmon 20 inches and over, "Small" are king salmon less than 20 inches.

NON GUIDED — YOU DID NOT PAY to be personally directed during your fishing trip.

For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

[illegible]

In Area Code Letters A-G "Large" are king salmon 28 inches and over, "Small" are king salmon less than 28 inches. In Area Code Letters H-Z "Large" are king salmon 20 inches and over, "Small" are king salmon less than 20 inches.

PERSONAL USE DIPNETTING — SALMON ONLY

GUIDED — YOU PAID to be personally directed during your fishing trip.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
 Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
 Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

Fishing Sites			No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Other (specify)
Site Name	Area Code Letter	Site Number				KEPT	KEPT	KEPT	KEPT	KEPT	KEPT

PERSONAL USE DIPNETTING — SALMON ONLY

NON GUIDED — YOU DID NOT PAY to be personally directed during your fishing trip.

Fishing Sites			No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Other (specify)
Site Name	Area Code Letter	Site Number				KEPT	KEPT	KEPT	KEPT	KEPT	KEPT

SHELLFISH — CRABS, CLAMS, AND SHRIMP

GUIDED — YOU PAID to be personally directed during your fishing trip.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

Fishing Sites			No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Razor Clams (numbers)	Hardshell Clams (gallons)	Shrimp (gallons)	King Crab		Dungeness Crab		Tanner Crab		Other Shellfish (specify)	
Site Name	Area Code Letter	Site Number				KEPT	KEPT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT

RAZOR CLAMS

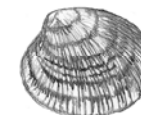


Razor Clams have long, narrow, smooth shells that can grow to longer than 7 inches. The shells are covered with a thin tissue-like layer that varies in color from brown to yellowish-brown depending upon the clam size. In older clams the tissue covering is usually eroded. The shells are thin and the shell edges sharp.

HARDSHELL CLAMS



The **butter clam** shell is thick and white. It has heavy concentric growth rings, but no vertical ridges. The shell's inner edge is smooth. Butter clams are 3 to 5 inches long.



The **Littleneck clam** shells are usually white, but may be brown or have brown markings. The shells have concentric growth rings and distinct vertical ridges. Littleneck clams are about 2 inches long.

SHELLFISH — CRABS, CLAMS, AND SHRIMP

NON GUIDED — YOU DID NOT PAY to be personally directed during your fishing trip.

Fishing Sites			No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Razor Clams (numbers)	Hardshell Clams (gallons)	Shrimp (gallons)	King Crab		Dungeness Crab		Tanner Crab		Other Shellfish (specify)	
Site Name	Area Code Letter	Site Number				KEPT	KEPT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT



Dear Sport Angler:

The year 2008 marks the 32nd year in which the annual Statewide Harvest Survey has been successfully conducted. The angler response rate has consistently been above average for a survey of this magnitude, and for this we have you to thank.

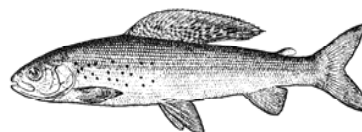
Your response to this survey is important, and aids us in providing statewide estimates of participation, catch, and harvest for our fishery managers. Alaska Department of Fish and Game uses this information to protect and improve recreational fisheries throughout Alaska.

The results of this survey will be available to the public in the fall of 2009. Feel free to call us at (907) 267-2280 or email us at [dfg.dsf.publications @ alaska.gov](mailto:dfg.dsf.publications@alaska.gov) if we can assist you.

Please visit our website, which provides current and historic information gathered from this vital survey. Our web address is: <http://www.sf.adfg.state.ak.us/Statewide/ParticipationAndHarvest/index.cfm>

Thank-you again,

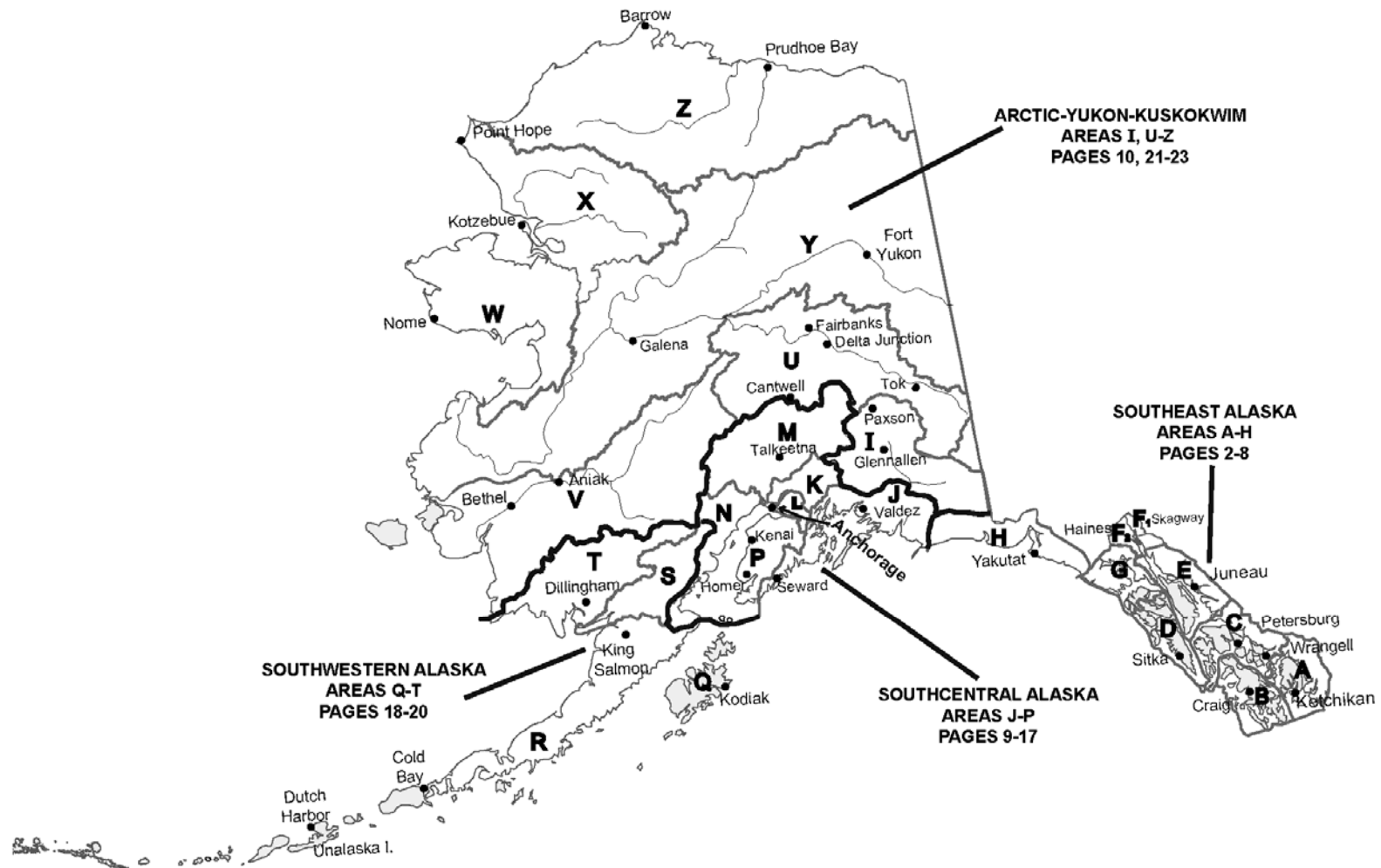
Charles Swanton
Director, Division of Sport Fish



MAPSITE BOOKLET

Maps, Area Descriptions, and Fish Size Categories

Use the map below to find the pages that apply to your household's sport fishing in 2008



Appendix A6.—Sport fish supplementary map/site booklet, 2008.

A KETCHIKAN AREA

Saltwater

No.	Site Name
1	East and West Behm Canals
1008	Terminal Harvest Areas near Ketchikan *†
5	Yes Bay
6	Bell Island
728	Mountain Point
730	Carroll Inlet
737	Herring Cove
7	Other Boat Sites (specify site names)
8	Other Shoreline Sites (specify site names)

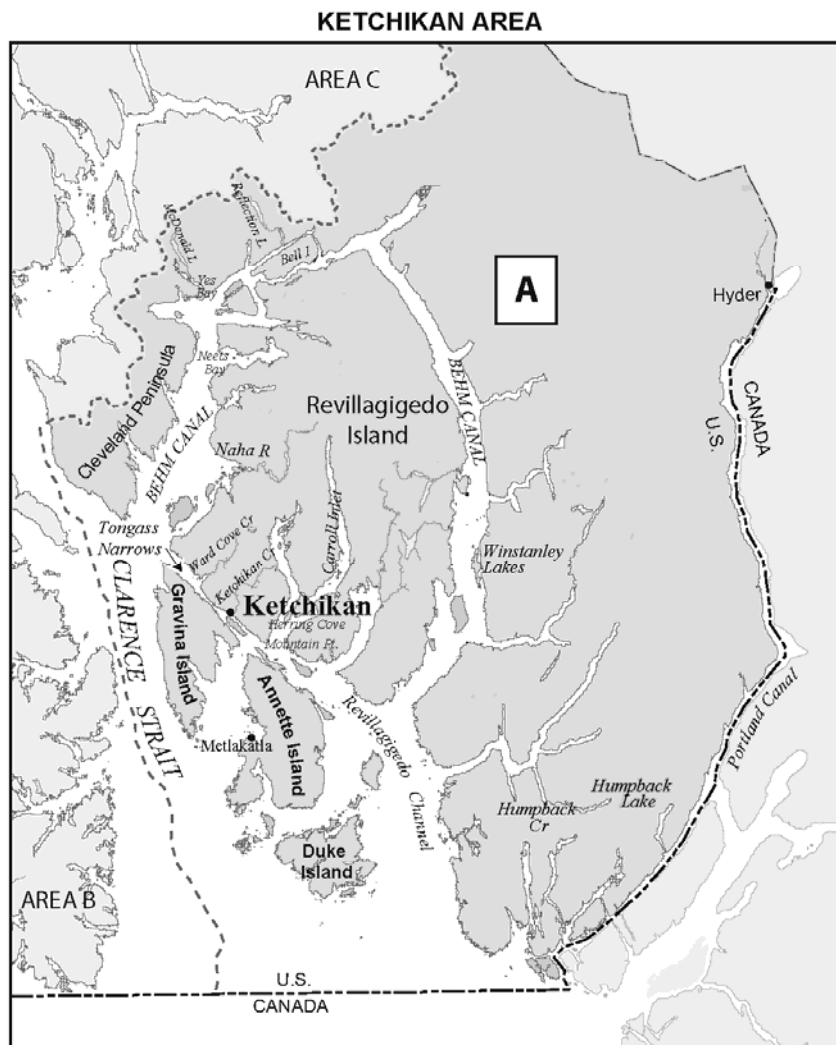
Freshwater

No.	Site Name
10	Ward Cove Creek
9	Naha River
214	Ketchikan Creek
134	Humpback Creek
165	Reflection Lake
180	Ward Lake
200	McDonald Lake Drainage (including lake)
187	Winstanley Lakes
111	Other Streams (specify site names)
112	Other Lakes (specify site names)

* Includes the Neets Bay and Mountain Point harvest areas.

† A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.

Fish Size Categories
AREA A KING SALMON
"Large" are 28 inches and over;
"Small" are less than 28 inches.



Common Fishing sites: East and West Behm Canals, Clarence Strait, Revillagigedo Channel, Tongass Narrows, Yes Bay, Bell Island, Naha River, Ward Cove Creek, and others.

B PRINCE OF WALES ISLAND AREA

Saltwater

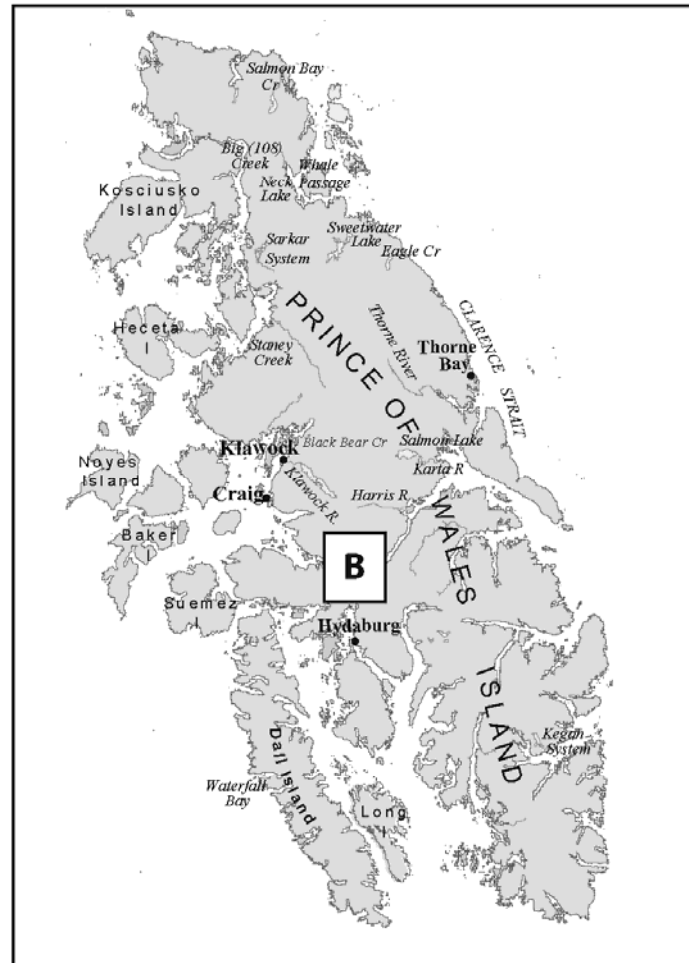
No.	Site Name
736	Waterfall Bay
1008	Eastside Prince of Wales Island
1010	Westside Prince of Wales Island
1055	Neck Lake Outlet Fishery (located in the Whale Passage area)
1	Other Saltwater (specify site names)

Freshwater

No.	Site Name
216	Big (108) Creek
115	Black Bear Creek
120	Eagle Creek
124	Harris River
3	Karta River
219	Kegan System (Stream, Lake)
5	Klawock River
191	Salmon Bay Creek
243	Salmon Lake
220	Sarkar System (Stream, Lake)
158	Staney Creek
218	Sweetwater System (Stream, Lake)
217	Thorne System (Stream, Lake)
108	Other Streams (specify site names)
109	Other Lakes (specify site names)

Fish Size Categories
 AREA B KING SALMON
 "Large" are 28 inches and over;
 "Small" are less than 28 inches.

PRINCE OF WALES ISLAND AREA



Common Fishing sites: Waterfall Bay, Neck Lake, Karta and Klawock rivers, Sweetwater and Thorne systems, and others.

C KAKE, PETERSBURG, WRANGELL, STIKINE AREA

Saltwater

No.	Site Name
728	Frederick Sound (near Petersburg)
1	Terminal Harvest Area near Petersburg* †
720	Wrangell Narrows
758	Thomas Bay
906	Rest of Petersburg Area
3	Greys Pass/Banana Point
794	Sumner Strait from Strait Island to Greys Pass**
798	Snow Passage
908	Wrangell Area
776	Kake Area
907	Petersburg Road System
909	Wrangell Road System
4	Other Saltwater (specify site names)

Freshwater

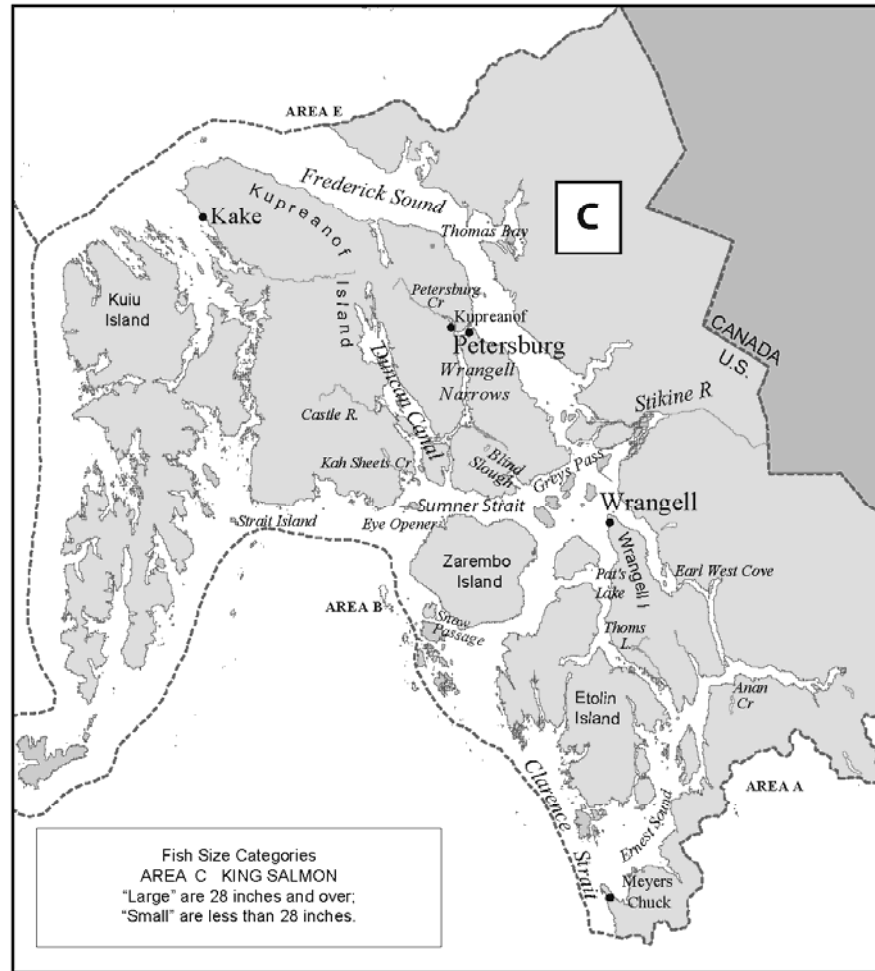
No.	Site Name
9	Anan Creek
5	Blind Slough (in Wrangell Narrows)
8	Castle River
147	Kah Sheets Creek
202	Pat's Lake (Trout Lake)
10	Petersburg Creek
175	Stikine River
216	Thoms Creek and Lake
112	Other Streams (specify site names)
113	Other Lakes (specify site names)

* Described as that portion of Wrangell Narrows, south of 56° 46' N. latitude (Martinsen's Dock) and north of the latitude of the northern tip of Woewodski Island.

** Waters adjacent to South Mitkof Island shore (Woodpecker Cove, Station Island), Zarembo Island (Bahit Harbor, Craig Pt.) and South Kupreanof Island (Kah Sheets Bay, Level islands, and Eye Opener).

† A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.

KAKE, PETERSBURG, WRANGELL, STIKINE AREA



D SITKA AREA

Saltwater

- | No. | Site Name |
|------|---------------------------------------|
| 724 | Sitka Sound (specify site names) |
| 1056 | Hidden Falls Terminal Harvest Area* † |
| 1054 | Silver Bay - Terminal Harvest Area**† |
| 1053 | Sitka Road System |
| 1044 | Outer Coast of Kruzof Island |
| 766 | Salisbury Sound |
| 1050 | West Chichagof Island |
| 1046 | Tenakee area |
| 1048 | East side of Baranof Island |
| 1 | Other Saltwater (specify site names) |

Freshwater

- | No. | Site Name |
|-----|------------------------------------|
| 186 | Baranof lake or stream |
| 8 | Eva lake or stream |
| 231 | Plotnikof lake or stream |
| 232 | Rezanof drainage (lakes, streams) |
| 148 | Salmon Lake |
| 14 | Sitkoh lake or stream |
| 107 | Other Streams (specify site names) |
| 110 | Other Lakes (specify site names) |

* The Hidden Falls area includes waters within two miles of the Baranof Island shoreline south of the range marker on South Point (south entrance to Kelp Bay) and north of a range marker located at 57° 06' 5" N latitude (south of Takatz Bay).

** The Silver Bay terminal harvest area near Sitka includes the marine waters of Silver Bay east of a line from Entry Point to Silver Point.

† A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.



Common Fishing sites: Sitka and Salisbury sounds; Kruzof Island, Tenakee Inlet, Eva Lake; Baranof and Sitkoh systems, and others.

Fish Size Categories
AREA D KING SALMON
"Large" are 28 inches and over;
"Small" are less than 28 inches.

E JUNEAU AREA

Saltwater

- | No. | Site Name |
|------|--|
| 956 | Terminal Harvest Area *† |
| 1000 | Saltwater near Juneau (Lower Lynn Canal south to Point Couverden, Favorite Channel, and upper Stephens Passage south to Doty Cove)** |
| 754 | Lower Stephens Passage area (south of Doty Cove) |
| 758 | Angoon Area |
| 923 | Auke Creek Mouth |
| 939 | Macaulay Hatchery |
| 3 | Other Juneau Road System |
| 2 | Other Saltwater (specify site names) |

Freshwater

- | No. | Site Name |
|-----|------------------------------------|
| 143 | Fish Creek (Douglas Island) |
| 175 | Peterson Creek and Salt Chuck |
| 211 | Twin Lakes |
| 168 | Montana Creek, including mouth |
| 213 | Cowee Creek (near Echo Cove) |
| 6 | Other Juneau Road System |
| 9 | Hasselborg Lake |
| 11 | Turner Lake |
| 107 | Other Streams (specify site names) |
| 113 | Other Lakes (specify site names) |

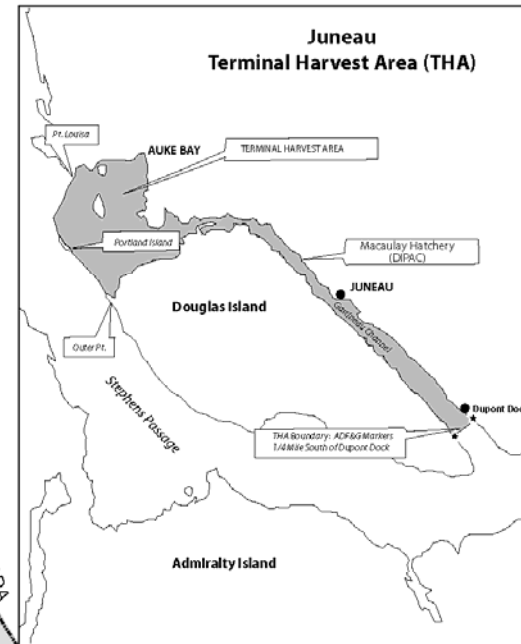
* Described as marine waters east of a line from Pt. Louisa to the eastern shore of Portland Island, to the north tip of Outer Point on Douglas Island and the waters west of Dupont (see map at right).

** Excluding Terminal Harvest Area.

† A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.



Common Fishing sites: Saltwaters near Juneau, Lower Lynn Canal, Favorite Channel, upper and lower Stephens Passage, Berners Bay, Angoon, Salmon Creek Reservoir, Hasselborg, Florence, Turner, and Peterson lakes, Montana and Cowee creeks; and others.



Fish Size Categories
AREA E KING SALMON
"Large" are 28 inches and over;
"Small" are less than 28 inches.

F1 SKAGWAY AREA

Saltwater Skagway Area

No. **Site Name**

736 Taiya Inlet

737 Other Saltwater (specify site names)

Freshwater Skagway Area

121 Pullen Creek and Pond

108 Skagway Area Streams (specify site names)

109 Skagway Area Lakes (specify site names)

F2 HAINES AREA

Saltwater Haines Area

No. **Site Name**

732 Chilkoot Inlet

730 Chilkat Inlet

1 Other Haines Saltwater (specify site)

Freshwater Haines Area

3 Chilkoot River

5 Chilkoot Lake

107 Chilkat River

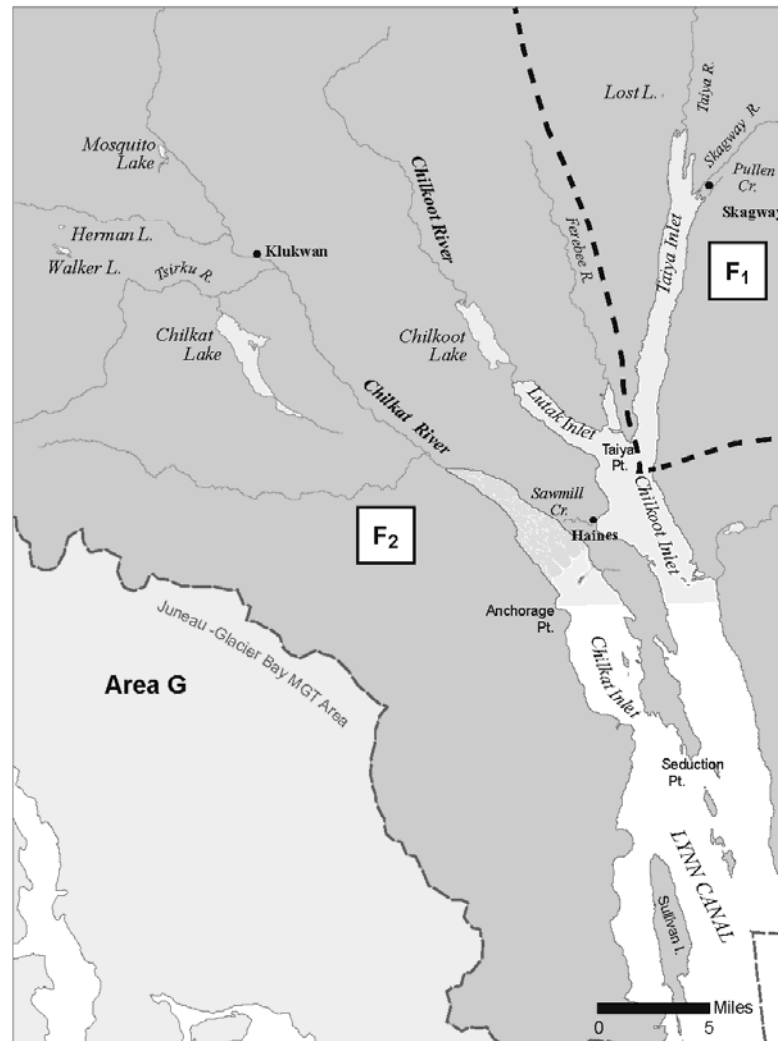
130 Chilkat Lake

108 Haines Area Streams (specify site names)

109 Haines Area Lakes (specify site names)

Fish Size Categories
AREA F KING SALMON
"Large" are 28 inches and over;
"Small" are less than 28 inches.

HAINES/SKAGWAY AREA



Common Fishing sites: Taiya Inlet, Chilkat River, Chilkat Lake, Chilkoot River, Chilkoot Lake, and others.

G GLACIER BAY AREA

Saltwater

No.	Site Name
736	Glacier Bay proper (INSIDE Glacier Bay National Park)*
972	Glacier Bay National Park (NOT within Glacier Bay Proper)*
968	Icy Strait (NOT within Glacier Bay National Park)
970	Cross Sound (NOT within Glacier Bay National Park)
800	Outer coast Yakobi Island
802	Homeshore area
740	Gustavus area
908	Hoonah area
769	Berg Bay
804	Northern Chicagof Island
1	Other Saltwater (specify site names)

Freshwater

No.	Site Name
110	Salmon River
105	Bartlett River
127	Mud Bay River
128	Gane Creek
129	Neka River
103	Other Streams (specify site names)
104	Other Lakes (specify site names)

* Glacier Bay proper is described as all marine contiguous water inside or north of a line from Pt. Carolus and Pt. Gustavus.

Fish Size Categories
AREA G KING SALMON
"Large" are 28 inches and over;
"Small" are less than 28 inches.

GLACIER BAY AREA



Common Fishing sites: Icy Strait, Cross Sound, Glacier Bay, Bartlett River, Salmon River, Berg Bay, Mud Bay River, and others.

H YAKUTAT AREA

Saltwater

No.	Site Name
724	Yakutat Bay
750	Ankau Lagoon
1	Other Saltwater (specify site names)

Freshwater

No.	Site Name
135	East Alsek River
117	Italio River
120	Lost River
148	Situk River, above weir**
149	Situk River, below weir**
134	Tsiu River
104	Other Streams (specify site names)
105	Other Lakes (specify site names)

** The Situk weir is located near the river mouth approximately 1.5 miles above the Situk Landing.

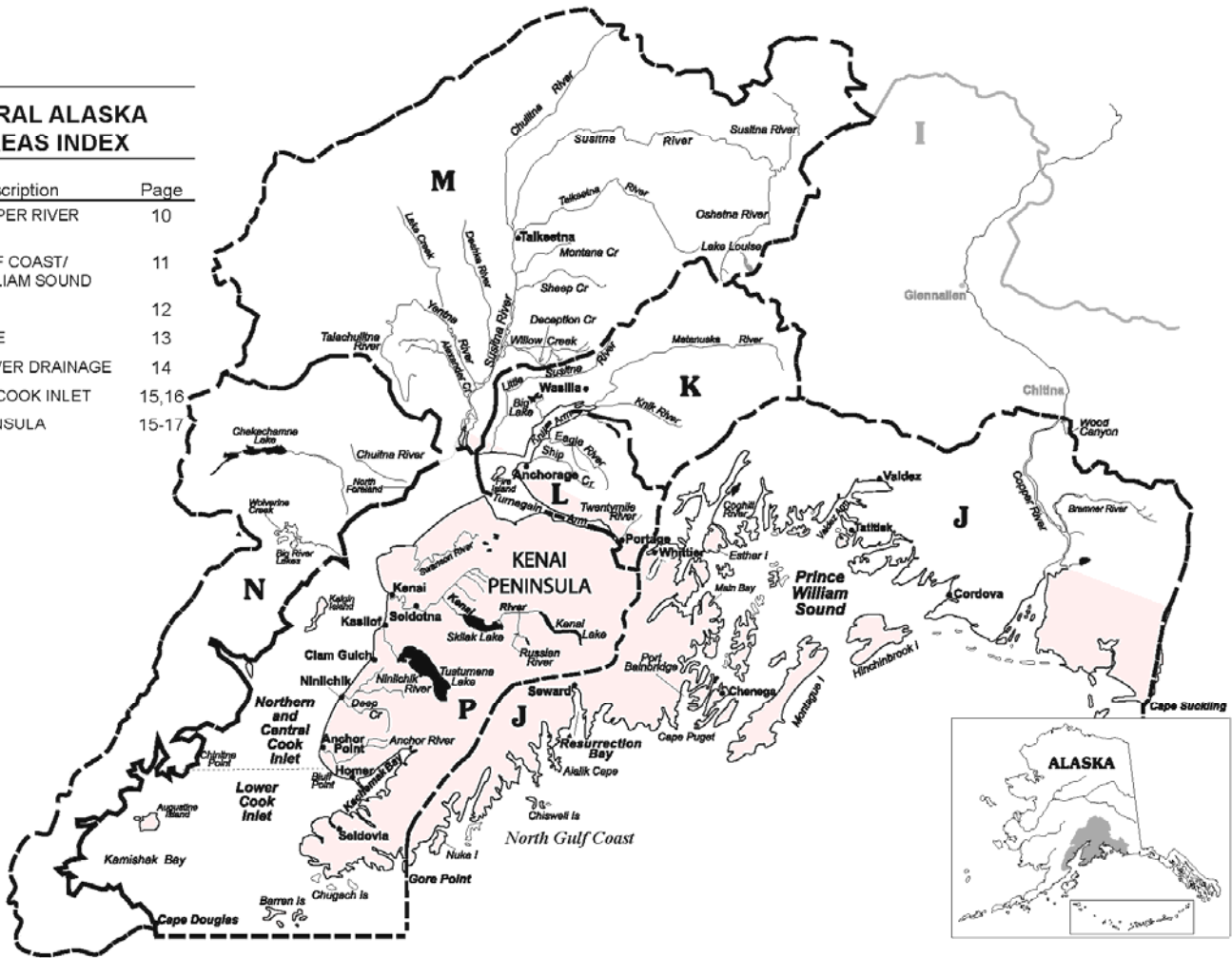
Fish Size Categories
AREA H KING SALMON
Saltwater
"Large" are 28 inches and over;
"Small" are less than 28 inches.
Freshwater
"Large" are 20 inches and over;
"Small" are less than 20 inches.



Common Fishing sites: Ankau Lagoon, Yakutat Bay, Situk, Lost, Tsiu and Alsek rivers, and others.

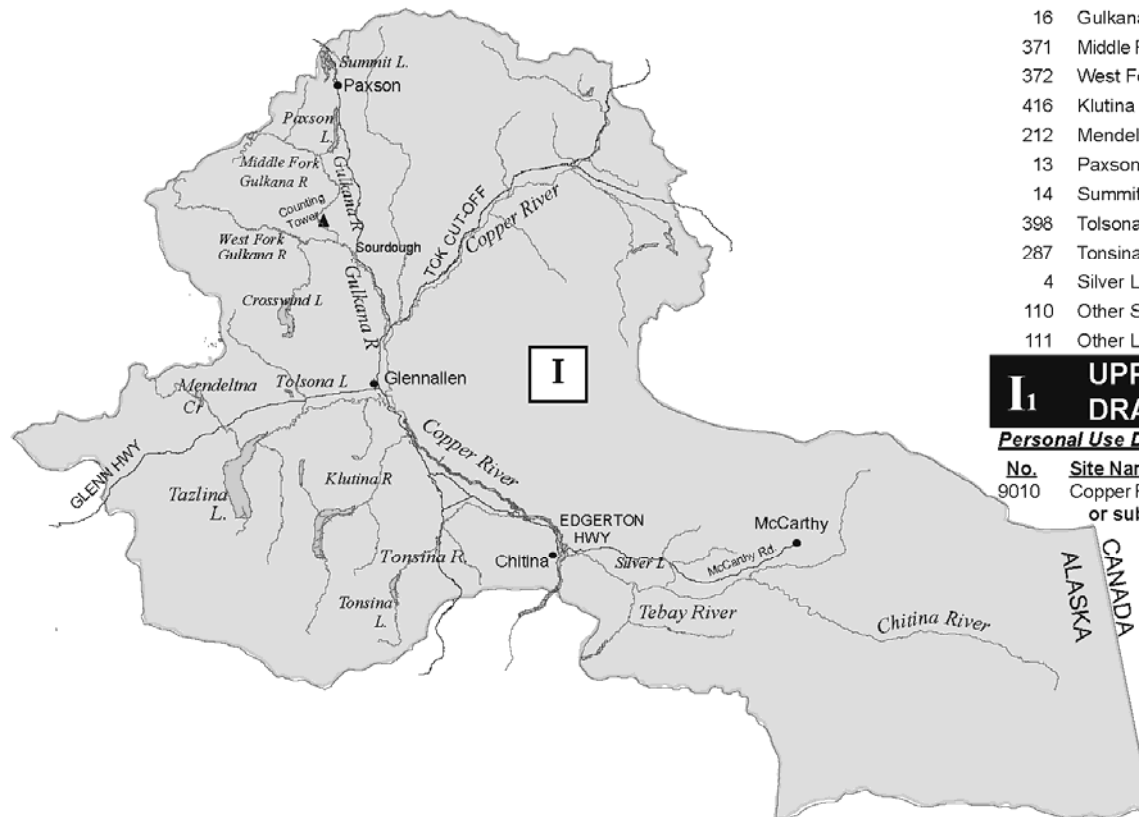
SPORT FISH SURVEY AREAS I - P

SOUTHCENTRAL ALASKA SURVEY AREAS INDEX		
Area Code Letter	Area Description	Page
I	UPPER COPPER RIVER DRAINAGE	10
J	NORTH GULF COAST/ PRINCE WILLIAM SOUND	11
K	KNIK ARM	12
L	ANCHORAGE	13
M	SUSITNA RIVER DRAINAGE	14
N	WEST SIDE COOK INLET	15, 16
P	KENAI PENINSULA	15-17



UPPER COPPER RIVER DRAINAGE

Common Fishing sites: Van, Paxson, Summit, Strelina, Sculpin, Hudson and Klutina lakes, Gulkana River; and others. (Does not include Lake Louise; see Area M Susitna River Drainage. Also does not include Tangle Lakes, See Area U Tanana River Area.)



I UPPER COPPER RIVER DRAINAGE SPORT FISHING

SPORT FISHERIES

Freshwater

<u>No.</u>	<u>Site Name</u>
8	Crosswind Lake
650	Gulkana River (Above Paxson Lake)
501	Gulkana River (Paxson L outlet to Counting Tower)
502	Gulkana River (Counting Tower to West Fork mouth)
600	Gulkana River (West Fork mouth to Richardson Hwy)
16	Gulkana River (Richardson Hwy to Copper River)
371	Middle Fork (Gulkana River tributary)
372	West Fork (Gulkana River tributary)
416	Klutina River
212	Mendeltna Creek
13	Paxson Lake
14	Summit Lake (near Paxson)
398	Tolsona Lake
287	Tonsina River
4	Silver Lake
110	Other Streams (specify site names)
111	Other Lakes (specify Site names)

I₁ UPPER COPPER RIVER DRAINAGE PERSONAL USE

Personal Use DIPNET FISHERY

<u>No.</u>	<u>Site Name</u>
9010	Copper River (near Chitina) Do not include fishwheel or subsistence dipnetting

Fish Size Categories
AREA I KING SALMON
"Large" are 20 inches and over;
"Small" are less than 20 inches.

J PRINCE WILLIAM SOUND/ NORTH GULF COAST

SALTWATER SPORT FISHING FROM BOAT

Trip ENDED in Seward: Fish were caught in:

No.	Site Name
1101	Resurrection Bay
1105	North Gulf Coast West of Aialik Cape
1106	North Gulf Coast East of Aialik Cape
1103	Western Prince William Sound
1104	Other site (specify)

Trip ENDED in Whittier, Chenega, or other site in Western PRINCE WILLIAM SOUND: Fish were caught in:

No.	Site Name
1201	Western Prince William Sound
1202	Eastern Prince William Sound
1203	Other Site (specify)

Trip ENDED in Valdez: Fish were caught in:

No.	Site Name
1301	Western Prince William Sound
1302	Eastern Prince William Sound
1305	Valdez Arm
1303	Other Site (specify)

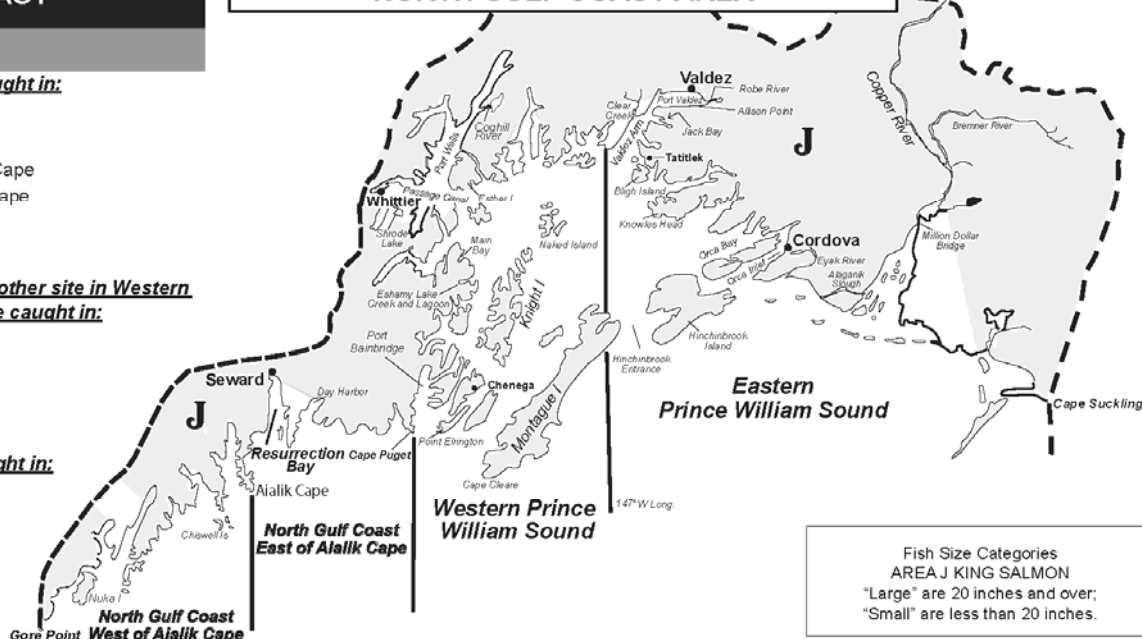
Trip ENDED in Cordova or other site in Eastern PRINCE WILLIAM SOUND. Fish were caught in:

No.	Site Name
1401	Western Prince William Sound
1402	Eastern Prince William Sound
1403	Other Site (specify)

Trip ENDED in OTHER Saltwater area than those listed above. Fish were caught in:

No.	Site Name
1500	Other site (specify)

PRINCE WILLIAM SOUND/ NORTH GULF COAST AREA



SALTWATER SPORT FISHING FROM SHORELINE

No.	Site Name
1008	Resurrection Bay (Seward)
759	Whittier, Passage Canal
727	Valdez Road System
747	Remainder of Valdez Arm (specify)
729	Orca Inlet (Cordova)
831	Allison Point
4	Other Shoreline Site (specify)

FRESHWATER FISHING

No.	Site Name
5	Eyak River
307	Eshamy Lake, Creek, and Lagoon
7	Coghill River
114	Alaganik Slough
222	Robe River
308	Clear Creek
12	Shrode Lake
110	Other Streams (specify site names)
113	Other Lakes (specify site names)

Common Fishing sites: Valdez Bay; Passage Canal (Whittier); Resurrection Bay (Seward); Aialik Bay; Nuka Bay; Hinchinbrook Entrance; Montague Strait; and Chiswell Islands; Eshamy and Shrode creeks; Eyak and Coghill rivers; Eshamy and Shrode lakes; and others.

K KNIK ARM AREA

Saltwater

No. Site Name

- 1 Fish Creek Area
- 2 Other Saltwater (specify site names)

Freshwater

Knik Arm Area

No. Site Name

- 12 Big Lake
- 7 Cottonwood Creek
- 14 Eklutna Power Plant Raceway
- 9 Finger Lake
- 234 Fish Creek, Big Lake Drainage
- 10 Kepler Lake Complex (specify site names)
Includes Bradley, Canoe, Echo, Irene, Kepler, Klair, Matanuska, Silver, and Victor lakes, and Long Lake
- 5 Knik River and tributaries including Jim Creek
- 4 Little Susitna River
- 221 Long Lake (Mile 85 Glenn Hwy)
- 11 Lucille Lake
- 6 Wasilla Creek (Rabbit Slough)
- 8 Wasilla Lake
- 114 Other Streams (specify site names)
- 115 Other Lakes (specify site names)
If Long Lake, specify location:
 - Kepler Lakes Complex
 - Mile 85 Glenn Hwy
 - In the Willow area
 - In the Big Lake area

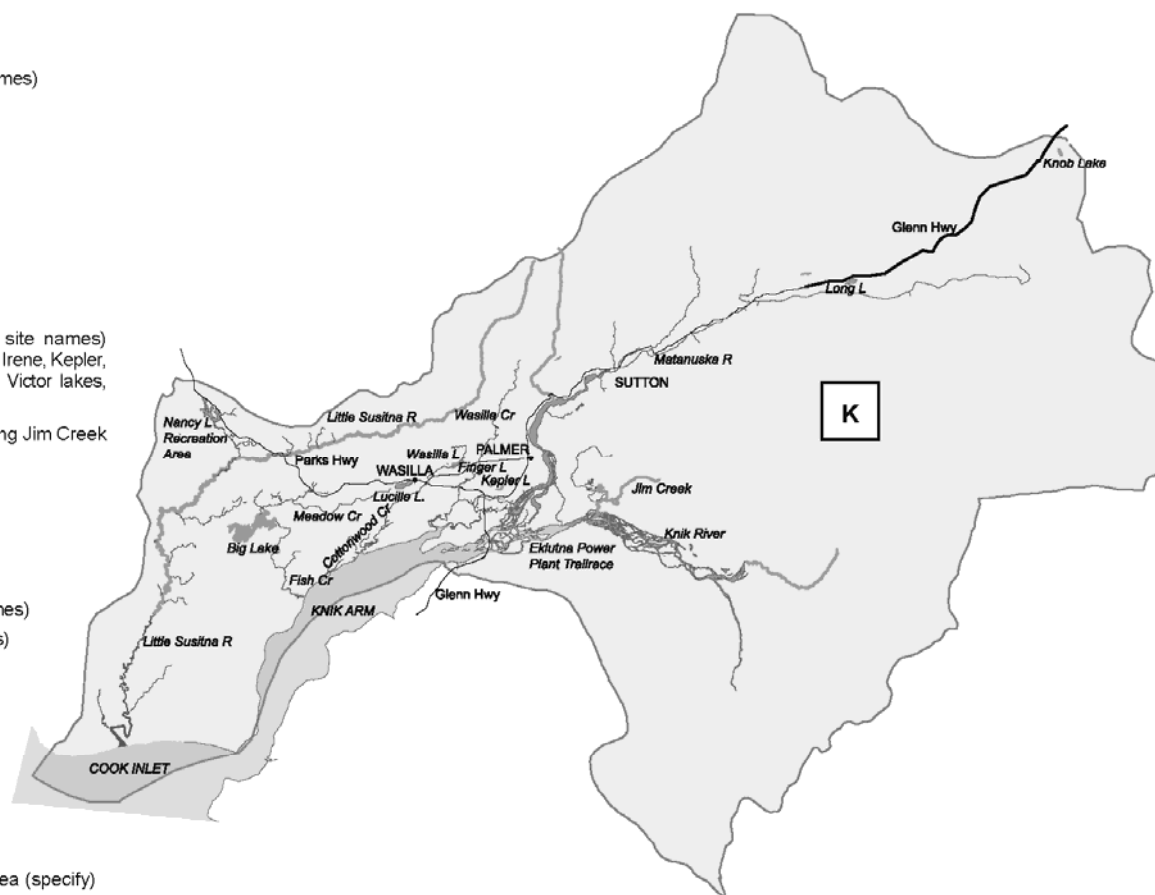
Nancy Lake Recreation Area Sites

No. Site Name

- 13 Nancy Lake
- 241 South Rolly Lake
- 244 Other sites within Recreation Area (specify)

Fish Size Categories
AREA K KING SALMON
"Large" are 20 inches and over;
"Small" are less than 20 inches.

KNIK ARM AREA



Common Fishing sites: Little Susitna River; Fish Creek area; Wasilla, Cottonwood, and Jim creeks; Wasilla, Finger, Lucille, Nancy and Big lakes; Kepler Lake complex; Eklutna power plant raceway; and others.

L ANCHORAGE AREA

Saltwater

No.	Site Name
1	Specify site names

Freshwater

Anchorage Area Streams

No.	Site Name
14	Ship Creek
15	Bird Creek
16	Campbell Creek
17	Twentymile River
218	Ingram Creek
18	Eagle River
125	Other Streams (specify)

Eagle River/Chugiak Lakes

No.	Site Name
21	Beach Lake
139	Eklutna Lake
6	Lower Fire Lake
7	Mirror Lake
228	Symphony Lake
302	Other Eagle River/Chugiak Lakes (specify)

Anchorage Area Lakes

No.	Site Name
4	Campbell Point Lake
20	C Street Lake (Taku-Campbell Lake)
23	Cheney Lake
138	Delong Lake
3	Jewel Lake
215	Lake Otis
5	Sand Lake
24	University (APU) Lake
124	Other Lakes (specify site names)

Elmendorf Air Force Base Lakes

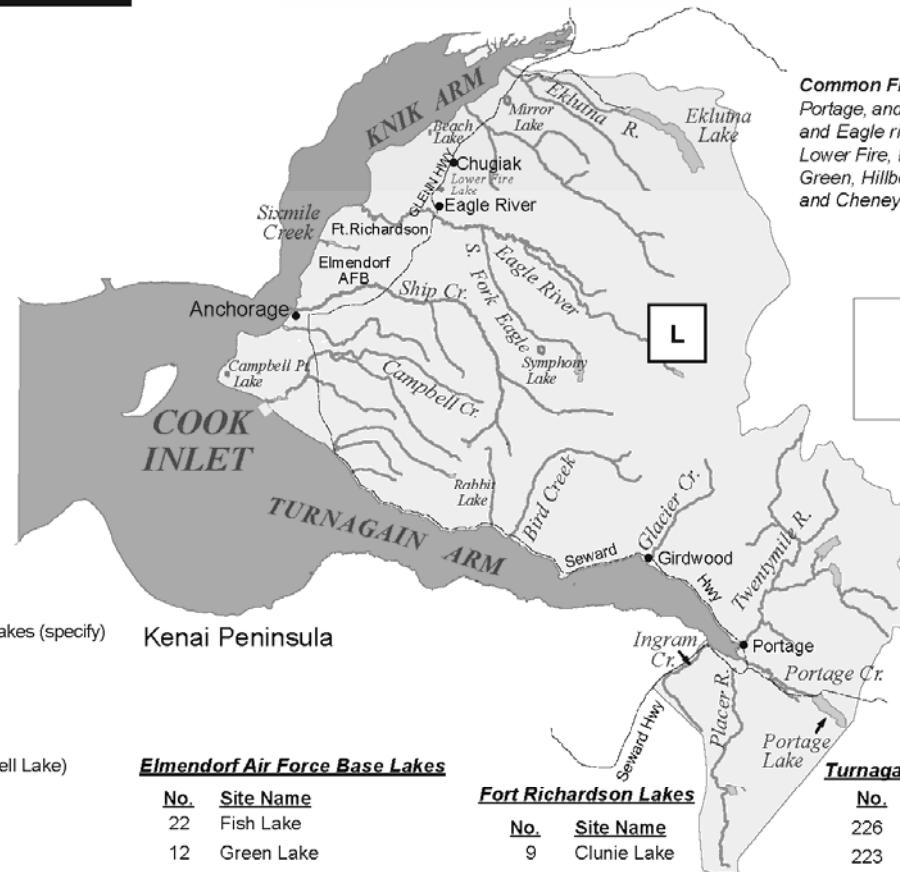
No.	Site Name
22	Fish Lake
12	Green Lake
13	Hillberg Lake
11	Sixmile Lake
188	Spring Lake
19	Triangle Lake

Fort Richardson Lakes

No.	Site Name
9	Clunie Lake
210	Dishno Pond
10	Gwen Lake
8	Otter Lake
208	Walden Lake

Common Fishing sites: Ship, Bird, Campbell, Portage, and Ingram creeks; Portage, Twentymile and Eagle rivers; Jewel, Campbell Point, Sand, Lower Fire, Mirror, Otter, Clunie, Gwen, Sixmile, Green, Hillberg, Triangle, C Street, Beach, Fish, and Cheney lakes; and others.

Fish Size Categories
AREA L KING SALMON
"Large" are 20 inches and over;
"Small" are less than 20 inches.



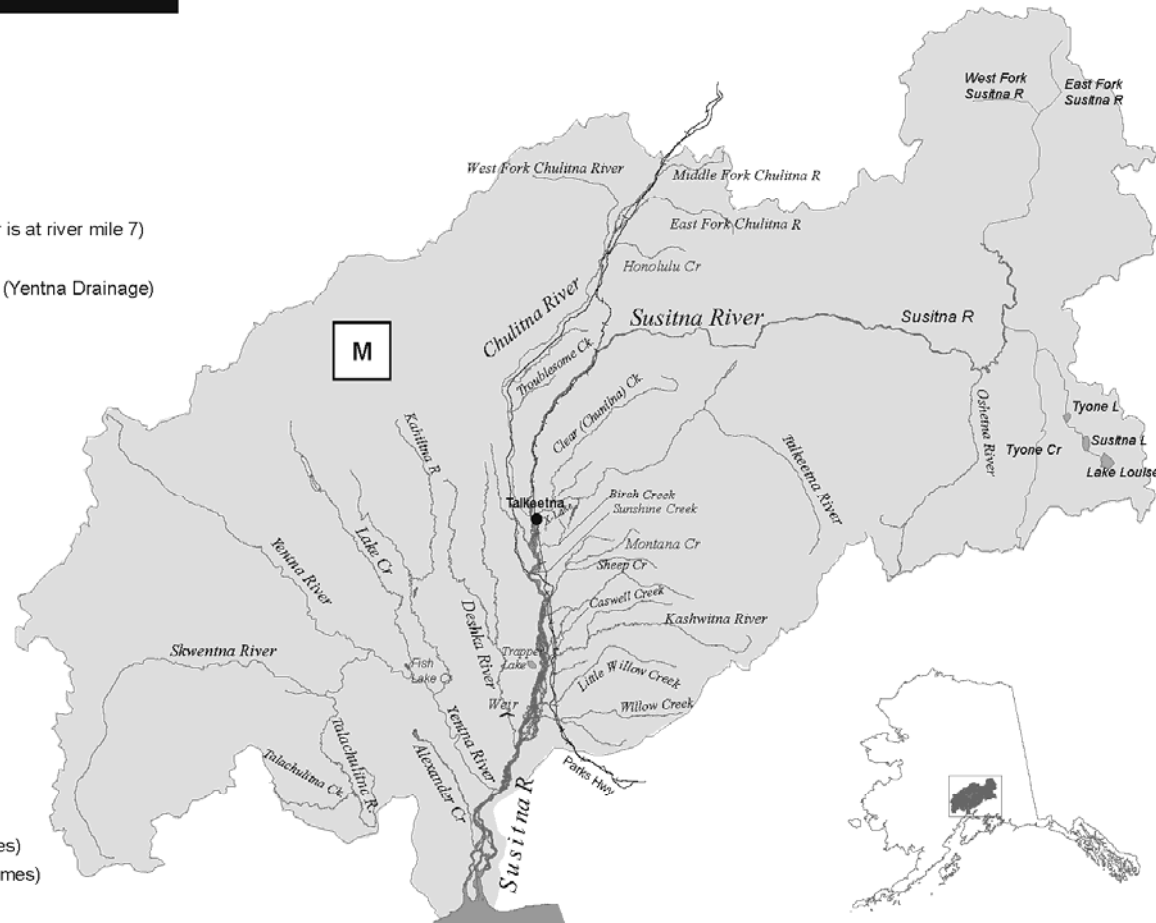
M SUSITNA RIVER DRAINAGE

Freshwater

No.	Site Name
1117	Alexander Creek
1118	Alexander Lake
117	Birch Creek
5	Caswell Creek
8	Clear (Chunilna) Creek
1347	Deshka River above weir (weir is at river mile 7)
1348	Deshka River below weir
1171	Fish Lake Creek & Fish Lakes (Yentna Drainage)
138	Goose Creek
143	Kashwitna River
1004	Lake Creek
3010	Lake Louise
10	Little Willow Creek
6	Montana Creek
9	Sheep Creek
1239	Skwentna River
7	Sunshine Creek
3011	Susitna Lake
1251	Susitna River
1007	Talachulitna River
170	Talkeetna River
1262	Trapper Lake
181	Troublesome Creek
3295	Tyone Creek
4	Willow Creek
1277	Yentna River
111	Other Lakes (specify site names)
112	Other Streams (specify site names)

Fish Size Categories
AREA M KING SALMON
"Large" are 20 inches and over;
"Small" are less than 20 inches.

SUSITNA RIVER DRAINAGE



Common Fishing sites: Willow, Deception, Caswell, Montana, Sunshine, Clear (Chunilna), Sheep, and Little Willow creeks; Kashwitna, Benka, Louise, Susitna, and Byers lakes; Talkeetna, Oshetna, Deshka, Talachulitna, and Tyone rivers; and others. Does NOT include Little Susitna River (see Page 11, KNIK ARM AREA).

TO SAVE POSTAGE, PLEASE DO NOT RETURN THIS BOOKLET WITH YOUR QUESTIONNAIRE.

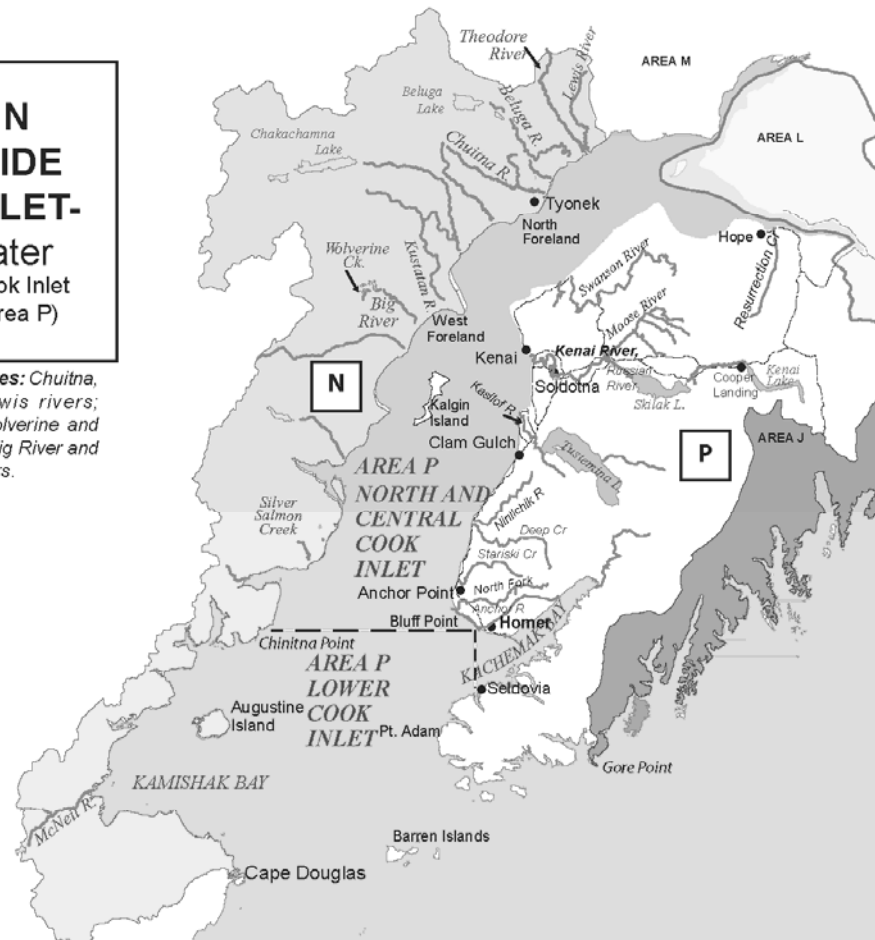
**AREA N
WEST SIDE
COOK INLET-
Freshwater**
(Record all Cook Inlet
saltwater to Area P)

Common Fishing sites: Chuitna, Theodore, and Lewis rivers; Alexander, Polly, Wolverine and Lake creeks; Shell, Big River and Judd lakes; and others.

**AREA P
KENAI PENINSULA/
COOK INLET**

(For map of Kenai River See Page 17)

Common Fishing sites: Kenai River (for map of the Kenai River with site listings, see page 17). Anchor, Ninilchik, Russian, Kaslof and Snow rivers; Deep, Granite, Resurrection and Stariski creeks; Hidden and Paradise lakes; Swanson River and Swan Lake Canoe systems; and others. Includes Kachemak Bay, the Barren Islands, and Cook Inlet waters north of the latitude of Cape Douglas. (Does NOT include Resurrection Bay; see Page 11 area J).



For Site Number listings, go to pages 16 and 17

N WEST SIDE COOK INLET SPORT FISHING

Saltwater

In Area N, all fishing sites are Freshwater.
Record all Cook Inlet Saltwater to Area P.

Freshwater

North of North Forelands Fishing Sites

No. Site Name

- 8 Chuitna River
- 10 Lewis River
- 9 Theodore River
- 332 Other Sites (specify Site names)

South of North Forelands Fishing Sites

- 186 Kustatan River
- 125 Big River Lakes
- 340 Wolverine Creek (Big River Lakes)
- 237 Silver Salmon Creek
- 333 Other Sites (specify site names)

P KENAI PENINSULA/COOK INLET SPORT FISHING

Saltwater

No. Site Name

- 980 Cook Inlet north of Bluff Point (including saltwaters by Anchor River, Whiskey Gulch, Deep Creek and Ninilchik rivers)
- 796 Kachemak Bay (including Bluff Point area to Seldovia)
- 952 Lower Cook Inlet sites west of Gore Point and Kachemak Bay (not including Kachemak Bay)
- 823 Homer Spit (Fishing on the Spit)
- 991 Other Lower Cook Inlet and Kachemak Bay Shoreline sites (specify site names)

P KENAI PENINSULA SPORT FISHING

Freshwater

No. Site Name

- 5 Anchor River
- 147 Crescent Lake
- 7 Deep Creek
- 12 Hidden Lake
- 1 Kenai River - Cook Inlet to Soldotna Bridge
- 2 Kenai River - Soldotna Bridge to Moose River
- 3 Kenai River - Moose River to Skilak Outlet
- 4 Kenai River - Skilak Inlet to Kenai Lake
- 500 Kasilof River - Bank Fishing
- 600 Kasilof River - Boat Fishing
- 6 Ninilchik River
- 218 Quartz Creek
- 261 Resurrection Creek (near Hope)
- 8 Stariski Creek
- 9 Russian River (include all fishing in the 1,800 yard section of the Kenai River immediately downstream from the Russian River)
- 228 Skilak Lake
- 334 Swanson River
- 14 Swanson River Canoe Route Lakes
- 226 Sixmile Creek Drainage, including Granite, East Fork, and Canyon Creeks
- 15 Swan Lake Canoe System
- 244 Tustumena Lake
- 111 Other Streams (specify site names)
- 114 Other Lakes (specify site names)

P SHELLFISH FISHERIES EAST COOK INLET/ KENAI PENINSULA

Shellfish Fisheries

No. Site Name

- 797 Kachemak Bay (including Bluff Point to Seldovia)
- 1000 CLAMS: Between Anchor Point and Kasilof River (including Whiskey Gulch, Deep Creek, Ninilchik, Clam Gulch and Cohoe beaches)
- 953 Lower Cook Inlet sites west of Gore Point and Kachemak Bay (not including Kachemak Bay)
- 4 Other East Cook Inlet Shellfish sites (specify)

P SHELLFISH FISHERIES WEST SIDE COOK INLET

Shellfish Fisheries

No. Site Name

- 16 Polly Creek Beach/Crescent River Bar
- 700 Shellfish, north of Chinitna Point
- 710 Shellfish, south of Chinitna Point
- 1004 Other West Cook Inlet Shellfish sites (specify)

P PERSONAL USE DIPNET FISHERIES KENAI PENINSULA AREA

Net Fisheries

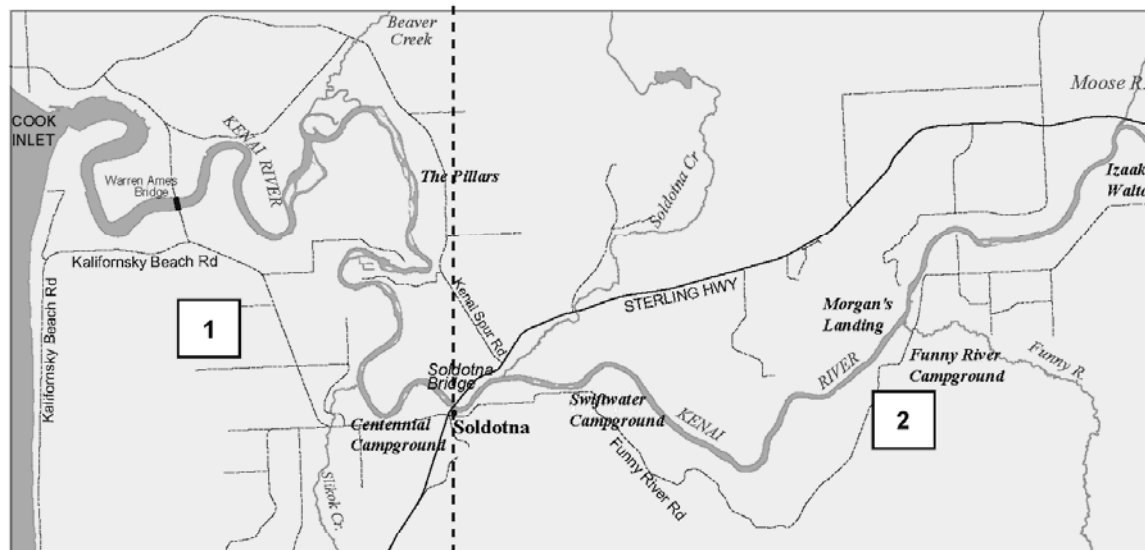
No. Site Name

- 9001 China Poot (dipnet)
- 9002 Kenai River (dipnet)
- 9003 Kasilof River (dipnet)
- 9007 Kasilof River (gillnet)

Fish Size Categories
AREAS N and P KING SALMON
"Large" are 20 inches and over;
"Small" are less than 20 inches.

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AREA P KENAI RIVER FISHING SITES

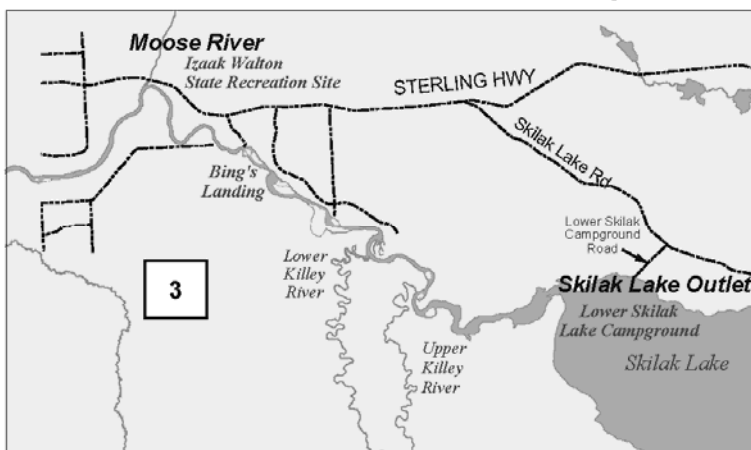


Area Code Letter P

Site No. 1 Kenai River - Cook Inlet to Soldotna Bridge

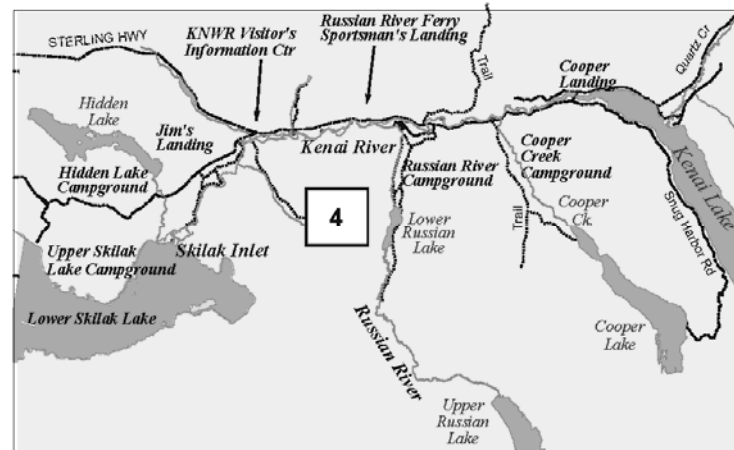
Area Code Letter P

Site No. 2 Kenai River - Soldotna Bridge to Moose River



Area Code Letter P

Site No. 3 Kenai River - Moose Creek to Skilak Outlet



Area Code Letter P

Site No. 4 Kenai River - Skilak Inlet to Kenai Lake

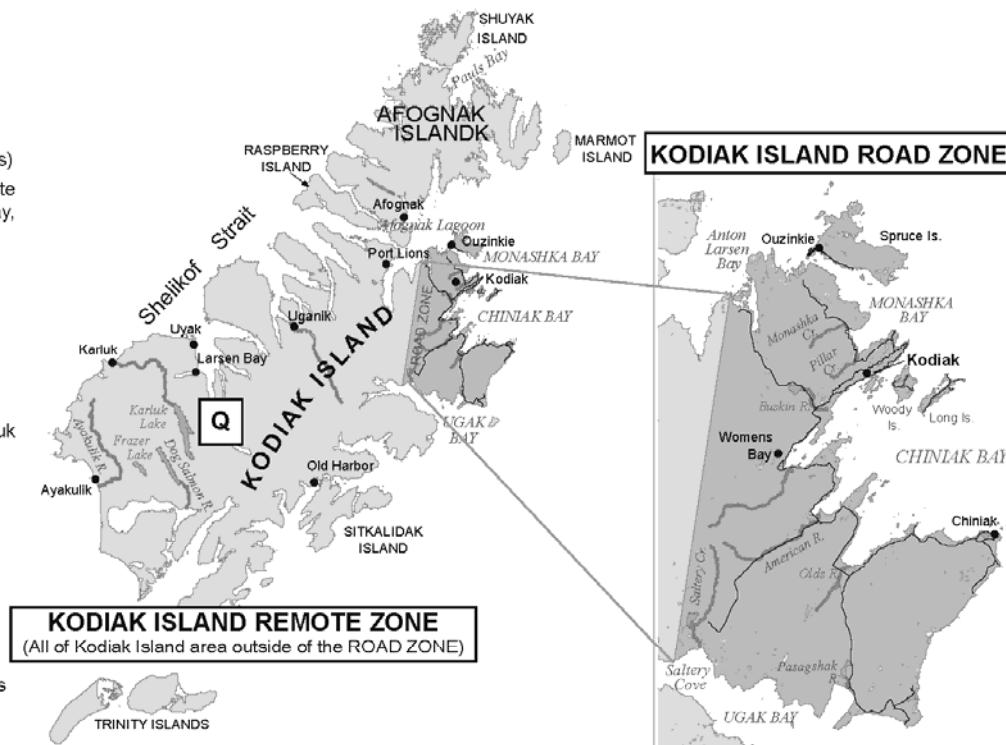
Q KODIAK AREA

Saltwater

- | No. | Site Name |
|-----|---|
| 736 | Chiniak Bay area from Cape Greville to Anton Larsen Bay, including Cape Chiniak, Mill Bay, Monashka Bay, Spruce Island and all of Chiniak Bay |
| 800 | Shuyak Area |
| 814 | Afognak Island |
| 812 | Pauls Bay |
| 770 | Uyak Bay |
| 887 | Afognak Lagoon (Litnik) |
| 932 | Other Remote Saltwater Sites (specify site names) |
| 934 | Other Roadside Saltwater Sites (specify site names) Includes Narrow Cape, Pasagshak Bay, and Saltery Cove areas, and Barry Lagoon |

Freshwater

- | No. | Site Name |
|-----|--|
| 114 | American River |
| 174 | Ayakulik (Red) River |
| 3 | Buskin River |
| 277 | Karluk Lake and River ABOVE the weir (the weir is located 0.5 miles upstream of Karluk Lagoon on the Karluk River) |
| 278 | Karluk Lagoon and River BELOW the weir |
| 163 | Olds River (or Creek) |
| 275 | Pasagshak Drainage |
| 276 | Saltery Cove Drainage |
| 108 | Roadside Lakes (specify Site names) |
| 109 | Other Lakes (Remote Zone) specify site names |
| 105 | Roadside Streams (specify site names) |
| 106 | Other Streams (Remote Zone) specify site names |



Fish Size Categories
AREA Q KING SALMON
"Large" are 20 inches and over;
"Small" are less than 20 inches.

Common Fishing sites: Buskin and Pasagshak rivers; Karluk River, Lake and Lagoon; and others. (Does not include the Barren Islands (see pages 15-17, Kenai Peninsula Area).

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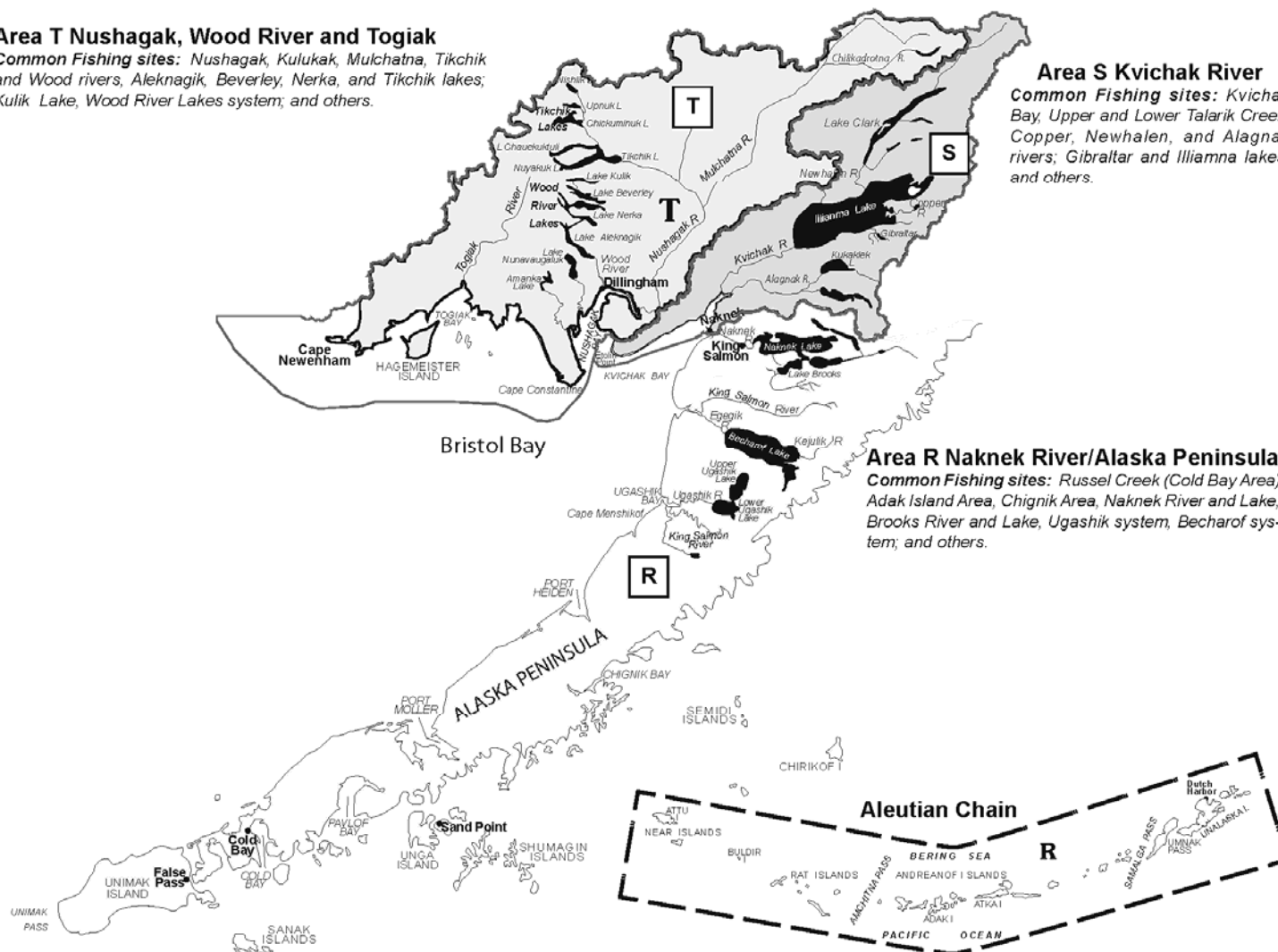
SOUTHWEST ALASKA AREAS R-T

Area T Nushagak, Wood River and Togiak

Common Fishing sites: Nushagak, Kulukak, Mulchatna, Tikchik and Wood rivers, Aleknagik, Beverley, Nerka, and Tikchik lakes; Kulik Lake, Wood River Lakes system; and others.

Area S Kvichak River

Common Fishing sites: Kvichak Bay, Upper and Lower Talarik Creek, Copper, Newhalen, and Alagnak rivers; Gibraltar and Illiamna lakes; and others.



SOUTHWEST ALASKA

R NAKNEK RIVER/ALASKA PENINSULA AREA

Saltwater

- | No. | Site Name |
|-----|--|
| 1 | Cold Bay Area |
| 756 | Unalaska Bay Area |
| 900 | Boat - Cape Menshikof north to Naknek Bay (specify) includes Ugashik, Egegik, and Naknek Bays |
| 950 | Boat - Other Alaska Peninsula <u>not</u> in Cold Bay, or in Unalaska Bay west of Cape Menshikof and Cape Douglas (specify) |
| 3 | Other Saltwater (specify site names) |

Freshwater

- | No. | Site Name |
|-----|---|
| 182 | American Creek |
| 12 | Becharof System (including Becharof Lake, Kejukik and Egegik rivers, and Shosky Creek) |
| 13 | Brooks Lake |
| 10 | Brooks River |
| 130 | Chignik River |
| 5 | Cold Bay Area (including Russel Creek) |
| 8 | Naknek Lake - Bay of Islands |
| 9 | Naknek Lake - Other |
| 275 | Naknek River upstream section, from Rapids Camp 9 miles upstream to Naknek Lake Outlet, including tributaries |
| 279 | Naknek River, downstream section, from Rapids Camp downstream 19 miles to saltwater, including tributaries. Includes Naknek River near the community of King Salmon. |
| 11 | Ugashik System, including Ugashik River, and Upper/Lower Ugashik Lakes |
| 281 | Unalaska Bay Streams |
| 113 | Other Streams (specify Site names)
If King Salmon River, specify location:
• near the community of King Salmon
• near Egegik Bay
• near Ugashik Bay
• near Port Moller |
| 114 | Other Lakes (specify site names) |

S KVICHAK RIVER DRAINAGE

Saltwater

- | No. | Site Name |
|-----|--------------------|
| 704 | Specify site names |

Freshwater

- | No. | Site Name |
|-----|--|
| 8 | Alagnak (Branch) River |
| 141 | Battle River |
| 5 | Copper River (tributary of Iliamna Lake) |
| 146 | Funnel Creek |
| 6 | Gilbaltar Lake |
| 170 | Gilbaltar River |
| 125 | Iliamna Lake |
| 120 | Iliamna River |
| 183 | Kukaklek River (Big Ku) |
| 123 | Kulik River |
| 3 | Kvichak River |
| 9 | Lake Clark |
| 134 | Moraine Creek |
| 7 | Newhalen River |
| 4 | Lower Talarik Creek |
| 139 | Upper Talarik Creek |
| 111 | Other Streams (specify site names) |
| 110 | Other Lakes (specify site names) |

Fish Size Categories
AREA R-T KING SALMON
"Large" are 20 inches and over;
"Small" are under 20 inches

T NUSHAGAK, WOOD RIVER, AND TOGIAK AREA

Saltwater

- | No. | Site Name |
|-----|--------------------|
| 1 | Specify Site names |

Freshwater

Nushagak River Sites:

Do not include Mulchatna River and tributaries, Kokwok, and Iowithla Rivers.

- | No. | Site Name |
|-----|---|
| 207 | Nushagak River from Black Point upstream to sonar site (by Portage Creek) |
| 208 | Nushagak River, sonar site (by Portage Creek) upstream to outlet of Mulchatna River |
| 190 | Nushagak River, upstream from outlet of Mulchatna River |
| 3 | Remainder of Nushagak System (specify) |

Other Area T Sites:

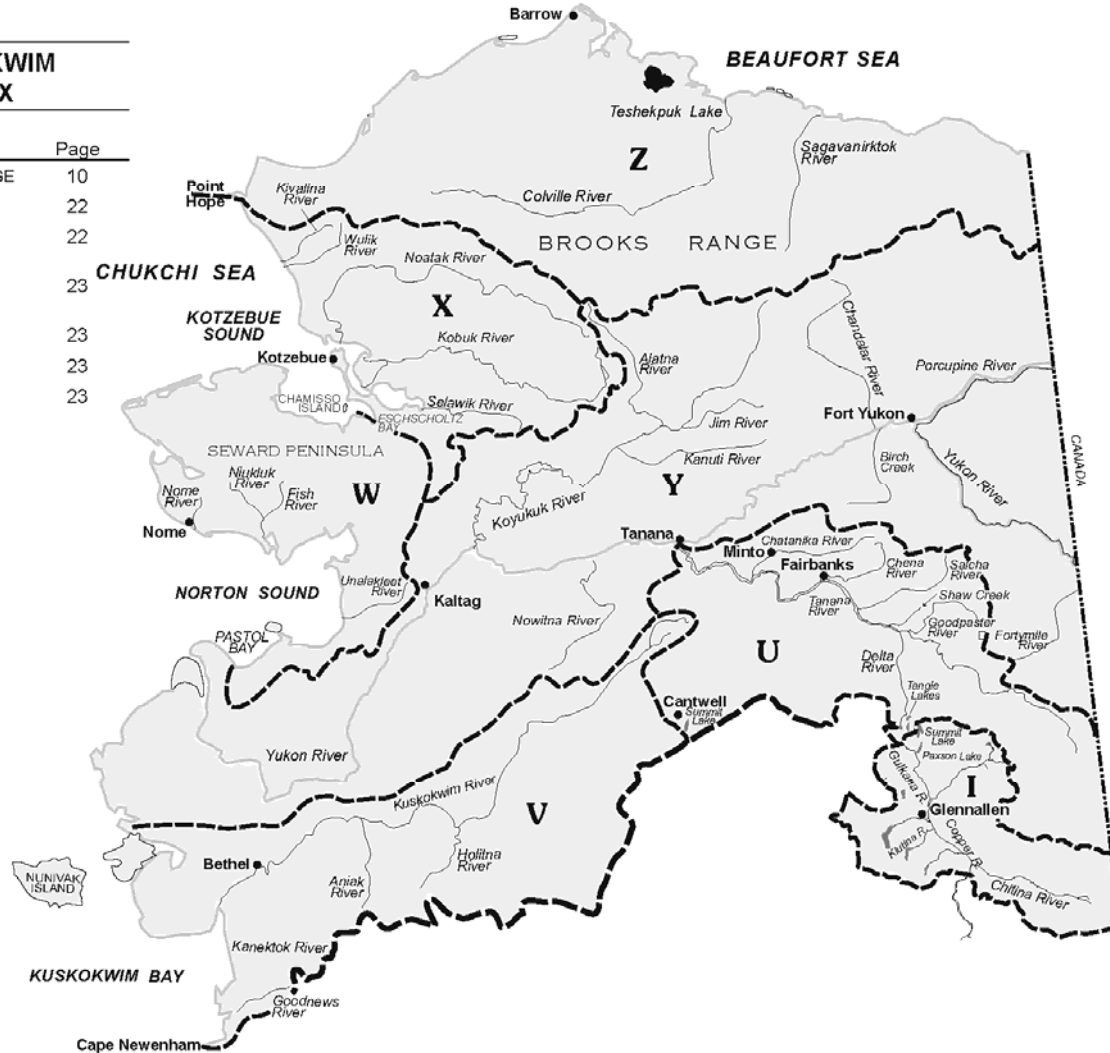
- | No. | Site Name |
|-----|---|
| 7 | Mulchatna River |
| 112 | Lake Aleknagik |
| 111 | Agulowak River |
| 128 | Agulukpak River |
| 4 | Other Wood River Lakes System (includes lakes Nerka, Beverley, and Kulik) |
| 206 | Nuyakuk River |
| 5 | Other Tikchik-Nuyakuk Lake System (includes Nuyakuk, Tikchik, Chickuminuk, Nishlik, and Upnuk lakes, and Lake Chauekuktuli) |
| 6 | Togiak River (Including Togiak River/Lake drainage area) |
| 109 | Other Streams (specify site names) |
| 110 | Other Lakes (specify site names) |

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ARCTIC-YUKON-KUSKOKWIM SPORT FISH SURVEY AREAS I AND U-Z

ARCTIC-YUKON-KUSKOKWIM SURVEY AREAS INDEX

Area Code Letter	Area Description	Page
I	UPPER COPPER RIVER DRAINAGE	10
U	TANANA RIVER DRAINAGE	22
V	KUSKOKWIM RIVER/ KUSKOKWIM BAY DRAINAGES	22
W	SEWARD PENINSULA/ NORTON SOUND	23
X	NORTHWEST ALAKSA	23
Y	YUKON RIVER DRAINAGE	23
Z	NORTH SLOPE-BROOKS RANGE	23



ARCTIC-YUKON-KUSKOKWIM

U TANANA RIVER DRAINAGE

Freshwater Lakes and Ponds

No.	Site Name
9	Birch Lake
347	Chena Hot Springs Road ponds (along the Chena Hot Springs Road from mile 30 to mile 50)
18	Chena Lake Recreation Area
584	Coal Mine Road Lakes (Accessible from the Coal Mine Road, mile 242 Richardson Hwy, approximately 22 miles south of Delta Junction)
408	Dune Lake
163	East Twin Lake
13	Fielding Lake
11	George Lake
189	Harding Lake
201	Koole Lake
583	Meadow Road Lakes (along the Meadow and Ridge roads in the southern part of Fort Greely Military Reservation, including Weasel Lake)
14	Minto Flats; lakes and rivers of Minto Flats State Game Refuge
10	Quartz Lake
346	Steese Ponds (along the Steese Highway from mile 30 to mile 40)
15	Tangle Lakes and River (including Long Tangle, Lower Tangle, Landlocked Tangle, Round Tangle, and Upper Tangle lakes)
12	Volkmar Lake
117	Other Lakes (specify site names)

Freshwater Streams

No.	Site Name
137	Brushkana Creek
613	Lower Chatanika River and tributaries (downstream of Elliot Highway)
614	Upper Chatanika River and tributaries (upstream of Elliot Highway)
1050	Lower Chena River (Lower Chena River and tributaries) from the mouth upstream to the Moose Creek Dam at river mile 45. Includes all parts of Badger (Chena) Slough
1051	Upper Chena River (Upper Chena River and tributaries upstream of the Moose Creek Dam at river mile 45)
6	Delta Clearwater Creek
17	Delta River (below Tangle Lakes)
8	Goodpaster River
513	Nenana R. drainage (<u>not</u> including Brushkana Cr.)
319	Piledriver Slough (including Moose Creek)
7	Richardson Clearwater Creek
5	Salcha River
16	Shaw Creek
514	Lower Tanana River downstream from Nenana (mainstem only)
515	Middle Tanana River between Delta Junction and Nenana (mainstem only)
516	Upper Tanana River upstream from Delta Junction (mainstem only)
116	Other Streams (specify site names)

V KUSKOKWIM RIVER- KUSKOKWIM BAY DRAINAGES

Saltwater

No.	Site Name
1	Specify site names

Freshwater

Kuskokwim River upstream of Aniak River

No.	Site Name
300	Kuskokwim River mainstem above Aniak River
6	Holitna River
134	George River
301	Other Streams (specify site names)
302	Lakes (specify Site names)

Kuskokwim River downstream of Aniak River

No.	Site Name
310	Kuskokwim River mainstem below Aniak River
5	Aniak River
43	Kisaralik River
19	Kwethluk River
311	Other Streams (specify Site names)
312	Lakes (specify Site names)

Kuskokwim Bay Streams and Lakes

No.	Site Name
3	Kanektok River
4	Goodnews River
321	Other Streams (specify site names)
322	Lakes (specify site names)

Fish Size Categories
AREA U-V KING SALMON
"Large" are 20 inches and over;
"Small" are less than 20 inches.

ARCTIC-YUKON-KUSKOKWIM

W SEWARD PENINSULA/ NORTON SOUND AREA

Saltwater

- | No. | Site Name |
|-----|--------------------|
| 1 | Specify site names |

Freshwater

- | No. | Site Name |
|-----|--|
| 11 | Eldorado River |
| 112 | Fish River and tributaries (including Pargon, Rathlatulik, and Boston Cr. Excludes Niukluk River). |
| 210 | Niukluk River and tributaries (below the ADF&G Tower) |
| 211 | Niukluk R. and tributaries (above the ADF&G Tower, including Casadepaga R.) |
| 30 | Flambeau River |
| 14 | Fox River |
| 18 | Kuzitrin River |
| 4 | Nome River |
| 94 | North River |
| 6 | Pilgrim River |
| 41 | Shaktoolik River |
| 22 | Sinuk River |
| 12 | Snake River |
| 15 | Solomon River |
| 3 | Unalakleet River |
| 7 | Other Streams (specify site names) |
| 8 | Lakes (specify site names) |

Fish Size Categories
AREAS W - Z KING SALMON
"Large" are 20 inches and over;
"Small" are less than 20 inches.

X NORTHWEST ALASKA AREA

Saltwater

- | No. | Site Name |
|-----|--------------------|
| 1 | Specify site names |

Freshwater

- | No. | Site Name |
|-----|------------------------------------|
| 78 | Desperation Lake |
| 13 | Feniak Lake |
| 16 | Kelly River |
| 17 | Kivalina River |
| 4 | Kobuk River |
| 32 | Matcharak Lake |
| 3 | Noatak River |
| 24 | Selawik River |
| 27 | Squirrel River |
| 28 | Walker Lake |
| 5 | Wulik River |
| 6 | Other Streams (specify site names) |
| 8 | Other Lakes (specify site names) |

Y YUKON RIVER DRAINAGE

Yukon R Drainage. Downstream from Koyukuk R

- | No. | Site Name |
|-----|---|
| 147 | Andreafsky River |
| 148 | Anvik River |
| 182 | Innoko River |
| 247 | Other sites Yukon River downstream from Koyukuk River (specify) |

Yukon R Drainages. Koyukuk R to Fort Yukon

ACCESSED from Dalton Hwy (Haul Road)

- | No. | Site Name |
|-----|--|
| 15 | Jim River |
| 400 | Kanuti River (accessed from Dalton Highway) |
| 410 | Koyukuk River Middle Fork (accessed from Dalton Hwy) |
| 420 | Koyukuk River South Fork (accessed from Dalton Hwy) |
| 899 | Other Streams accessed from Dalton Hwy (specify) |
| 898 | Other Lakes accessed from Dalton Hwy (specify) |

Yukon R Drainages. Koyukuk R to Fort Yukon

NOT ACCESSED from Dalton Hwy (Haul Road)

- | | |
|-----|---|
| 500 | Kanuti River (not accessed from Dalton Hwy) |
| 510 | Koyukuk River Middle Fork (not accessed from Dalton Hwy) |
| 520 | Koyukuk River South Fork (not accessed from Dalton Hwy) |
| 16 | Koyukuk R mainstem (downstream from confluence with South Fork, not accessed from Dalton Hwy) |
| 204 | Nowitna River |
| 94 | Dall River |
| 202 | Beaver and Nome creeks (Steese Highway) |
| 255 | Birch Creek (Steese Highway) |
| 24 | Porcupine River Drainage |
| 248 | Other sites, Koyukuk R to Fort Yukon (specify) |

Yukon R Drainages. Fort Yukon to Canadian Border

- | No. | Site Name |
|-----|----------------------------------|
| 249 | Other Sites (specify site names) |

Z NORTH SLOPE/ BROOKS RANGE AREA

Saltwater

- | No. | Site Name |
|-----|--------------------|
| 1 | Specify site names |

Freshwater

Lakes Near Dalton Highway (Haul Road)

- | No. | Site Name |
|-----|-----------------------|
| 43 | Toolik Lake |
| 60 | Galbraith Lake |
| 99 | Other Lakes (specify) |

Streams Near the Dalton Hwy (Haul Road)

- | No. | Site Name |
|-----|-------------------------|
| 76 | Sagavanirktok River |
| 100 | Other Streams (specify) |

Remainder of North Slope-Brooks Range Area

- | No. | Site Name |
|-----|-------------------------|
| 14 | Kongakut River |
| 6 | Other Streams (specify) |
| 5 | Other Lakes (specify) |

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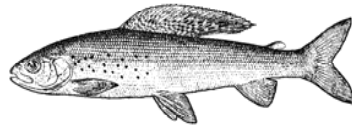


THANK YOU!
YOUR PARTICIPATION SUPPORTS SUSTAINABLE SPORT FISHERIES THROUGHOUT THE STATE OF ALASKA.

Feel free to call us if we can assist you at (907) 267-2280 or, email us at: dfg.dsf.publications@alaska.gov

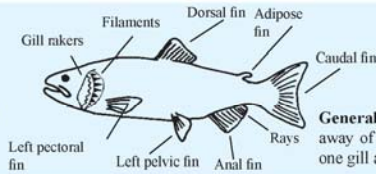
Please visit our website, which provides current and historic information gathered from this vital survey.

Our web address is: <http://www.sf.adfg.state.ak.us/Statewide/ParticipationAndHarvest/index.cfm>



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HOW TO IDENTIFY SALMON, TROUT, AND OTHER SPECIES COMMONLY FOUND IN ALASKA



General Characteristics of Fish: cut away of operculum (gill-cover) showing one gill arch, filaments, and gill rakers.

ALASKA'S WILD SALMON ARE FOUND IN BOTH FRESH AND SALTWATERS



King (Chinook) Salmon
Oncorhynchus tshawytscha

Small black spots on back and both lobes of tail. Gum line on lower jaw black. Less than 25 gill rakers, 15-17 anal fin rays. The largest of all Pacific salmon, 30-55 inches.



Silver (Coho) Salmon
Oncorhynchus kisutch

Small black spots usually occur only on upper lobe of tail and on back. Gum line on lower jaw not black. Scales large; less than 25 gill rakers, 13-15 anal fin rays. Size 24-28 inches.



Sockeye (Red) Salmon
Oncorhynchus nerka

No distinct black spots on back or tail; over 30-40 long, fine, serrated and closely spaced gill rakers over 12 anal fin rays. Relatively large eye. Size 18-24 inches.



Pink (Humpback) Salmon
Oncorhynchus gorbuscha

Large oval black spots on back and on both lobes of tail; scales very small; usually over 12 anal fin rays; males develop a pronounced hump during spawning. Size 15-24 inches.



Chum (Dog) Salmon
Oncorhynchus keta

No distinct black spots on back or tail; 18-28 smooth, short, stout, and widely spaced gill rakers; usually over 12 anal fin rays. Size 24-32 inches.



Steelhead
Oncorhynchus mykiss

Sea-run rainbow trout with bluish gray back and bright silvery sides. Small black spots on back, sides and tail. Pink/red coloration develops after returning to fresh water to spawn. Size several inches to over 40 inches.



Rainbow Trout
Oncorhynchus mykiss

Freshwater residents. Green to bluish black with silvery to yellowish-green sides. Broad pinkish band along side and black spots on back, sides, and tail. Upper jaw usually does not extend past eye.



Dolly Varden/Arctic Char
Salvelinus malma, *S. alpinus*

Round, red, pink or yellow spots on sides, tail slightly forked; 8-12 anal fin rays; no dark green wavy marks on back or dorsal fin. Arctic char occur from Bristol Bay to polar regions.



Lake Trout
Salvelinus namaycush

Body dark green to grayish with oval irregular white to yellowish spots on sides and back, tail deeply forked; 8-12 anal fin rays; no dark green wavy marks on back or dorsal fin.



Cutthroat Trout
Oncorhynchus clarki

Spots on body dark brown or black; 8-12 anal fin rays; no red band on sides; red to orange slash on underside of lower jaw; upper jaw extends well behind eye in adults.



Arctic Grayling
Tymallus arcticus

Dorsal fin much longer than in whitefish (especially in males) and fan-like. Rows of reddish to orange and/or purple to green spots on dorsal fin; sides of fish are black spotted; scales larger than in trout.



Burbot
Lota lota

Two dorsal fins and one anal fin present; no adipose fin as in trout, salmon, grayling and whitefish; pelvic fins very far forward and just under head; body long and tapering; barbel on chin.



Whitefish

Whitefish are distinguished from the trout and salmon by the small, weak, or absent teeth and the presence of large scales; distinguished from Arctic grayling by the much smaller dorsal fin.



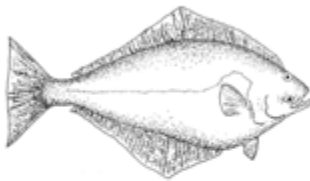
Northern Pike
Esox lucius

Dorsal and anal fins positioned rearward; no adipose fin as in trout, salmon, grayling and whitefish; long flattened jaws with large mouth and many sharp teeth, sides are yellowish gray.

Several common species that occur in AK are the round and humpback whitefish, least cisco, and sheefish. A sheefish is shown.

SALTWATER SPECIES COMMONLY FOUND IN ALASKA

FLATFISH



Pacific Halibut

Hippoglossus stenolepis

More elongated than most flatfishes, with width being about one-third the length. Adults have both eyes on their dark or upper side. Color on the dark side tends to assume the coloration of the ocean bottom. The underside is lighter, often white.



Arrowtooth Flounder

Atheresthes stomias

Large mouth and numerous sharp teeth. Little arching of lateral line. Upper eye reaches top of head. Length to 34 inches.



Starry Flounder

Platichthys stellatus

Black and yellow to orange bands on fins. Length to 36 inches.



Rock Sole

Lepidopsetta bilineata

Lateral line arched over pectoral fin. Jaw does not extend below middle of eye. Length to 24 inches.

ROCKFISH

More than 30 species occur in Alaska's coastal waters, and about a dozen are commonly taken in Alaska sport fisheries, including yelloweye, black, dusky, quillback, copper, tiger, china, canary, redstripe, silvergray, rougheye and shortraker rockfish. These fish are characterized by having bony plates or spines on the head and body, a large mouth, and pelvic fins attached forward near the pectoral fins. The spines are venomous, and although not extremely toxic, can cause pain and infection. Some species are brightly colored, and many are difficult to distinguish from one another.



Black Rockfish

Sebastes melanops

Often misnamed "black bass". Dark gray to black with dusky white belly. Jaw extends to rear of eye. Up to 25 inches.



Yelloweye Rockfish

Sebastes ruberrimus

Also called red snapper. Orange red and orange yellow, with bright yellow eye. Size up to 36 inches. This is a non-pelagic rockfish; bottom dwelling and found on or near the ocean floor.



Dusky Rockfish

Sebastes villosus

There are both dark colored species (uniformly black, no white belly), and light dusky rockfish (brownish body color, whitish belly).



Copper Rockfish

Sebastes caurinus

Olive brown to copper with pink or yellow blotches, white on sides and belly. Up to 22 inches. Non-pelagic.

OTHER SALTWATER SPECIES



Lingcod

Ophiodon elongatus

Brown to reddish-brown with spots or blotches. Sharp teeth. Elongated body, large head and mouth, no barbel. Single dorsal fin, notched past the middle of its length. Can grow to 5 ft.



Kelp Greenling

Hecagrammus decagrammus

In the same family as lingcod, but lacking rigid spines on the dorsal fin. Male kelp greenling have irregular blue spots; females are various shades of golden yellow on their heads and fins. Only grow to about 21 inches.



Pacific Cod, tomcod, and pollock

All have three distinct dorsal fins, and two anal fins. No rigid spines on their fins. Small teeth. Pacific cod and tomcod have a prominent barbel beneath their chin; on pollock it is very small or absent. Pacific cod grow to 39 inches.